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Deliverable No. 6.3 User Interfaces prototype 2

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	Deliverable Type							
R	Document, report							
DEM	Demonstrator, pilot, prototype	[X]						
DEC	Websites, patent fillings, videos etc.							
OTHER								
	Dissemination Level							
PU	Public	[X]						
со	Confidential (Consortium members including the Commission Services)							
CI	Classified Information (Commission Decision 2015/444/EC)							

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• 1. Versions History

Version	Date	Author	Comments		
1.0	28/06/2022	Angelika Vasilyeva	Initial draft		
2.0	29/06/2022	Angelika Vasilyeva	implemented review	comments	after
3.0	30/06/2022	Angelika Vasilyeva	Final version		



• 2. Executive Summary

The aim of this deliverable is to illustrate the progress of the Patient's Mobile App and Physician's Web System development by focusing on presenting their implemented GUIs (Section 3) and the plans for the final GUIs for features that are not yet supported and will be supported by M36 (Section 4).

The development is being held in accordance with approved UI (User Interface design) /UX (Clickable prototype) guidelines for both Physician's Web System (UI/UX) and Patient's Mobile App (UI/UX).

The process is being performed in three directions simultaneously: Front-end development, Back-end development and Mobile (Android) app development. Front-end is the user interface (UI/UX) of the Physician's web system; Mobile - is the development of an Android mobile app for patients and Back-end - creating logic and connection between all components of the system, Case Manager and Data Platform.

The progress of GUI development is highly dependent on the performance of all CAPABLE components (including DSS, DP and CM). Therefore we continue to connect User Interface scenarios in accordance with the development progress of the CAPABLE system components.

Development progress demonstration is divided into two chapters:

- "GUI: Physician's and Patient's apps". The chapter provides the demonstration links to the functioning parts of the system.
- "The upcoming features". The chapter contains the descriptions of finished frontend functionality and mobile application screens that will be connected to the backend system in accordance with the <u>development timeline</u>.



• 3. GUI: Physician's and Patient's apps

To demonstrate the development progress special user scenarios for Physicians and Patients will be used. The results are provided via links to the recorded screencasts with comments.

The demonstration is according to the following two scenarios:

- 1. [Enrollment + Symptom reporting] part shows the working enrollment scenario, treatment prescription and symptom reporting as well as interaction between Physician's Web System and Patient's Mobile App.
- 2. [Capsules] part shows working Goals setting and Virtual Capsules performance in the Patient's Mobile App.

• **3.1. Enrollment + Symptom reporting**

The following demonstration is divided into four steps to show the connection between the components of the system.

- Step 1 [Physician's Web System]: Login to the CAPABLE Physician's web system, patient's profile creation & treatment prescription, complete enrollment
- Step 2 [Patient's Mobile App]: Login to the CAPABLE Patient's Mobile App, Home screen, Inbox, Symptom reporting, Immediate feedback
- Step 3 [Physician's Web System]: Symptom tab update, treatment prescription
- Step 4 [Patient's Mobile App]: New prescription in the Inbox

Demonstration link: Enrollment + symptom reporting



• 3.2. Capsules

The Capsules are available in the Goals tab. The following \underline{link} demonstrates the design of the tab and filtration by categories.

3.2.1 . (Garden bowl				
Demonstration	link:	<u>Gard</u>	en	bowl	capsule
3.2.2. (Gratitude jar				
Demonstration	link:	<u>Grati</u>	tude	jar	capsule
■ 3.2.3. I	My Usual walk				
Demonstration	link:	My	usual	walk	capsule
■ 3.2.4. I	Basic breathing				
Demonstration	link:	<u>Basic</u>		breathing	capsule
■ 3.2.5. I	Breath focus				
Demonstration	link:	Brea	th	focus	capsule
■ 3.2.6. I	Progressive muse	cle relaxation			
Demonstration	link: <u>F</u>	Progressive	muscle	relaxation	capsule
■ 3.2.7. I	Modified Lion's bi	reath			
Demonstration	link:	Modified	Lion's	breath	capsule
■ 3.2.8. I	Equal time for br	eathing in and	out		
Demonstration	link: <u>Equal time fo</u>	<u>r breathing in a</u>	nd out cap	osule	
■ 3.2.9. I	Photo voice				
	link: <u>Photo voice c</u>	<u>apsule</u>			
- 3 2 10	Tai Chi				
	link: <u>Tai Chi capsu</u>	le			
 3.2.11. 	Yoga link: <u>Yoga capsule</u>				
Demonstration	illik. <u>Toga capsule</u>				
	Physical activity				
	link: <u>Physical activ</u> osule is the proces				
,			. 9		

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• 4. The upcoming features

The following chapter is to demonstrate the features that are scheduled to be developed and connected to the system in accordance with the <u>development timeline</u>. The features are presented via Links to the prototype and screenshots of the approved design. The text descriptions in the screenshots are only for demonstration purposes and can be changed and/or updated during the test period.

• 4.1. Physician's Web System

4.1.1. Measurement tab

Link to the prototype: <u>Link</u> Link to the UI (design): <u>Link</u>

Maria D 1944 Nov 10 (7)		-	Guidelines 👻	Run predictive model	Schedu			
Treatmen	Measurement	Past relevant informat	ion Activity timel	ine Questionnaire	e results	Symptoms	Lab tests	Achieve
All	Pulse Distance	Systolic BP Dias	stolic BP Tempera	ature Weigth	Steps	Calories	Sleep	
Filter by	Date	,						
Months	- 20	020 🔹						
2020 <	>							
200								
150								
50	••							
0								
	January February	March April	May June	e July A	lugust Sej	ptember Oc	tober Novemb	er Dece
©		March April Average pulse 110 bpm	Pulse 86 bpm 120 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020	ugust Sej	ptember Oc	tober Novemb	er Dece
	Measurement	Average pulse	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020	ugust Sej	ptember Oc	tober Novemb	er Dece
	Measurement	Average pulse	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm 125 bpm 90 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020 14-06-2020 13-06-2020	uugust Sej	ptember Oc	tober Novemb	er Dece
	Measurement	Average pulse	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm 125 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020 14-06-2020	ugust Se	ptember Oc	tober Novemb	er Dece
	Measurement	Average pulse	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm 125 bpm 90 bpm 150 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020 14-06-2020 13-06-2020 12-06-2020	ugust Se	ptember Oc	tober Novemb	er Dece
•	Measurement June 2020	Average pulse	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm 125 bpm 90 bpm 150 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020 14-06-2020 13-06-2020 12-06-2020	ugust Se	ptember Oc	Novemb	er Dece
©	Measurement June 2020 May 2020	Average pulse 110 bpm 95 bpm	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm 125 bpm 90 bpm 150 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020 14-06-2020 13-06-2020 12-06-2020	ugust Se	ptember Oc	Novemb	er Decer
© ©	Measurement June 2020 May 2020 April 2020	 Average pulse 110 bpm 95 bpm 90 bpm 	Pulse 86 bpm 120 bpm - 108 bpm 102 bpm 125 bpm 90 bpm 150 bpm	Measuring date 19-06-2020 18-06-2020 17-06-2020 16-06-2020 15-06-2020 14-06-2020 13-06-2020 12-06-2020	uugust Se	ptember Oc	Novemb	er Decen

4.1.1.1. Patients Profile - Measurement tab - a tab with the Data of Vital signs of the Patient with visualization.



ID: 890438 Maria De Rossi 1944 Nov 10 (76 y.o)		Gu	uidelines 👻 Run	predictive model Sche	dule next visit	Prescribe ne	w treatment
Treatme	Measurement	Past relevant information	on Activity timeline	Questionnaire results	Symptoms	Lab tests	Achieveme
All	Pulse Distance	Systolic BP Diast	olic BP Temperature	e Weigth Steps	Calories	Sleep	
Filter by	D	ate					
Weeks	•	14 June – 20 June 2020 🔻					
14 June	- 20 June 2020 Measurement	 Average value 	Value	Measuring date			
\odot	Pulse	108 bpm	86 bpm	19-06-2020			
			120 bpm	18-06-2020 17-06-2020			
			108 bpm 102 bpm	16-06-2020 15-06-2020			
			108 bpm 102 bpm 125 bpm	16-06-2020 15-06-2020 14-06-2020			
\odot	Distance	4 000 m	102 bpm	15-06-2020			
0	Distance Systolic BP	4 000 m 120 mm Hg	102 bpm	15-06-2020			
			102 bpm	15-06-2020			
\odot	Systolic BP	120 mm Hg	102 bpm	15-06-2020			
0	Systolic BP Diastolic BP	120 mm Hg 80 mm Hg	102 bpm	15-06-2020			
⊙ ⊙ ⊙	Systolic BP Diastolic BP Temperature	120 mm Hg 80 mm Hg 38 °C	102 bpm	15-06-2020			
© © ©	Systolic BP Diastolic BP Temperature Weigth	120 mm Hg 80 mm Hg 38 °C 61 kg	102 bpm	15-06-2020			

4.1.1.2. Patients Profile - Measurement tab - Example of a subtab.



4.1.2. Past relevant information tab

Link to the prototype: <u>Link</u> Link to the UI (design): <u>Link</u>

ID: 890438 Maria De Ros 1944 Nov 10 (76 y.o)	si	Guidelines 💌 Ru	n predictive model So	hedule next visit	Prescribe ne	ew treatment
Treatment	Measurement Past relevant inf	formation Activity timeline	Questionnaire results	• Symptoms	Lab tests	Achieveme
Filter by Date	Filter by disease Disease	v				+ Add o
14 June – 20 Ju		Notes				Actio
		Notes				Actio
Date 👙	Title	Notes				
Date \$	Title Diabetes	Notes				Ø
Date 2019	Title Diabetes Hypertension	Notes				Ø

4.2.1.1. Patients Profile - Past relevant information tab - Possibility to add a new pathology and then to filter by date and by name.



4.1.3. Activity timeline tab

Link to the prototype: <u>Link</u> Link to the UI (design): <u>Link</u>

	1 De Rossi 10 (76 y.o)	Guidelines 💌 Ru	n predictive model So	hedule next visit	Prescribe ne	w treatment
1344 1407	10 (70 y.0)					
Treat	ment Measurement Past	t relevant information Activity timeline	Questionnaire results	Symptoms	Lab tests	Achievem
Filter by t	ype of activity					
Туре	of activity 🔹					
2020						
03 Ju	ne					
08:00	Recommendation from system rec					
	GLD_R30 Immunotherapy treatmen Recommendation from system rec					
	Oral corticosteroids (0.5–1 mg/kg/d	lay prednisone equivalent) are recommended copic evaluation, or persistent symptoms afte	in the case of diffuse r 3 days with			
07:45	Patient reported symptom					
	diarrhoea grade 2					
²⁰²⁰ 02 Ju	ne					
12:00	Educational Intervention (GLD_R15	() proscribod				
	Avoid very fatty food and spicy foo					
2020 01 Jui						
0100						
12:44	Recommendation from system rec Stop St. John's wort (GLD_RM1)					
	Goal: Treatment of Depressive diso Explanation: An interaction has bee inhibits the effects of loperamide. H Source: FAERS Grade of evidence: Auto generated	en found between St. John's wort and loperar lence St. John's wort has to be stopped	nide: St. John's wort			
	Recommendation from system rec	eived				
	needed (A/N) is suggested. Patien symptoms may be managed conse	apy-related diarrhoea is 44-55%. A prescriptic ts with grade 1 or 2 diarrhoea with no other c rvatively with oral hydration and loperamide [omplicating signs or			
	Source: ESMO diarrhea GL Grade of evidence: [V, A]					
12:44	Patient reported symptom Diarrhoea grade 1					
12:44	Patient completed Insomnia Sever Result: Severity Index value is 17 w	ity Index (ISI) questionnaire hich indicates "clinical insomnia moderate int	ensity"			
12:44	Title					
	Fitbit band connected					
12:44	Capsule activated Sleep					
12:44	Treatment prescribed St. John's-wort 300 mg, daily, for 2	8 days				
12:44	Treatment prescribed Nivolumab 240 mg every two week	s, Sunitinib 50 mg, daily, for 28 days				
12:44	Title					
	Profile created					

4.1.3.1. Patients Profile - Activity timeline tab - shows all the events regarding a Patient - Recommendations, Notifications, Symptoms, Treatments.

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• 4.1.4. Questionnaire results tab

Link to the prototype: <u>Link</u> Link to the UI (design): <u>Link</u>

Treatment Measure	ement Past	relevant information	Activity timeline Questionnaire results Symptoms Lab tes	sts Achiev
Filter by questionnairie	Filter by			
All	All period	•		
27				
24				
18				
			Please choose a questionnaire	
	05 06 07 Date taken	08 09 10 11 Results	Image: state	
				Acti
0 01 02 03 04	Date taken	Results	Qualitative result	Acti
0 01 02 03 04 Questionnairie title	Date taken 12-01-2020	Results 17 of 22 points	Qualitative result	Acti V V
0 01 02 03 04 Questionnairie title Guestionnairie title QoL. EORTC QLQ-C30	Date taken 12-01-2020 12-01-2020	Results 17 of 22 points	Gualitative result Normal	Activ V V
0 01 02 03 04 Questionnairie title ÷ Insomnia Severity Index QoL. EORTC QLQ-C30 PHQ-9	Date token 12-01-2020 12-01-2020 11-01-2020	Results 17 of 22 points - 24 of 27 points	Gualitative result Normal Severe	26 27 28 Actic Vi Vi Vi

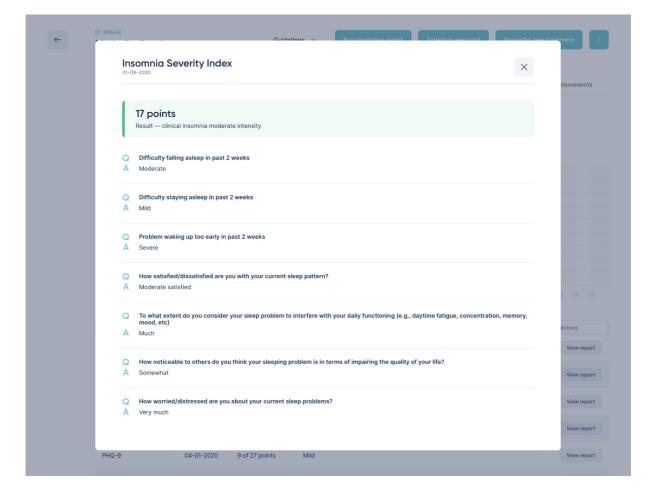
4.1.4.1. Patients Profile - Questionnaire results tab - possibility to visualize evolution of questionnaire results. Before a specific questionnaire is filtered a template message will be shown. It is possible to filter by questionnaire and by period.



Maria De Rossi 1944 Nov 10 (76 y.o)		Guide	elines 👻 Run pre	dictive model	Schedule next visit	Prescribe nev	v treatment
Treatment Measure	ement Past re	levant information	Activity timeline	Questionnaire res	Symptoms	Lab tests	Achiever
Filter by questionnairie Clear	r Filter by	C	Date				
PHQ-9 ×	Days	•	January 2020 🔹				
January 2020 <							
27							
24		/					
18		/					
15 12							
9 6							
6 3	05 06 07	08 09 10 11	12 13 14 15 1	16 17 18 19	20 21 22 23	24 25 26 2	27 28 2
6 3 0	05 06 07 Date taken	08 09 10 11 Results	12 13 14 15 1 Qualitative result	16 17 18 19	20 21 22 23	24 25 26 2	
6 3 0 01 02 03 04				16 17 18 19	20 21 22 23	24 25 26 2	27 28 2 Action Vie
6 3 0 01 02 03 04	Date taken	Results	Qualitative result	16 17 18 19	20 21 22 23	24 25 26 2	Action
6 3 0 01 02 03 04 Questionnairie title PHQ-9	Date taken 11-01-2020	Results 24 of 27 points	Qualitative result	16 17 18 19	20 21 22 23	24 25 26 2	Action

4.1.4.2. Patients Profile - Questionnaire results tab - possibility to visualize evolution of questionnaire results. A specific questionnaire is chosen and visualized.





4.1.4.3. Patients Profile - Questionnaire results tab - View report with the results of specific questionnaire.

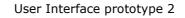


• 4.1.5. Lab tests tab

Link to the prototype: <u>Link</u> Link to the UI (design): <u>Link</u>

4	10: 890438 Maria De Rossi 1944 Nov 10 (76 y.o)		G	uidelines 👻	Run predictive model	Schedule next visit	Prescribe net	w treatment
	Treatment Mea	surement Past r	elevant informati	on Activity tim	eline Questionnaire	results Symptoms	Lab tests	Achievements
								+ Add another test
	Lab test	Date	Value	Unit of measure	Qualitative			
	Neutrophil count	01-05-2021	-	-	Normal			
	Platelets count	20-04-2021	-	-	Low			
	Hemoglobin	10-03-2021	-	-	High			

4.1.5.1. Patients Profile – Lab tests tab where all test results will be accumulated.



,	reatment Measurement Past re	levant information Activity timeline Questionnaire results Symptoms	Lab tests Achievements
I	Add another test		d another
	Lab test	Date	
	Not selected	▼ Not selected	
	Value	Unit of measure	
	Specify the value	Specify the unit of measure	
	Qualitative		
	Not selected	Ŧ	
	Cancel	Save	

4.1.5.2. Patients Profile – Possibility to add Lab tests result manually from a list.



4.1.6. Achievements tab

Link to the prototype: <u>Link</u> Link to the UI (design): <u>Link</u>

Filter by Date Werks I November - 05 December 2020 Of the provide of	Weeks 1 November - 05 December 2020 Documentary Image: Constraint of the state	Weeks November - 05 December 2020 < > December - 05 December 2020 December 2020 </th <th>Treatment Me</th> <th>asurement Past re</th> <th>levant information Activi</th> <th>ity timeline Questi</th> <th>ionnaire results Symptom</th> <th>s Lab tests Achiev</th>	Treatment Me	asurement Past re	levant information Activi	ity timeline Questi	ionnaire results Symptom	s Lab tests Achiev
1 November – 05 December 2020 〈 >	1 November - 05 December 2020 < >	INovember - 05 December 2020 < > Image: Copule Image: Date	Filter by	Date				
200 100% Full compliance 200 200 	200 100% 200% 100% 210% 100% 210% 100% 210% 100% 210% 100% 210% 100% 210% 100% 210	200 151 152 153 154 155 155 155 155 155 155 155	Weeks	• 1 November -	- 05 December 2020 🔹			
0 01-07 08-14 15-21 22-28 29 nov-05 dec My Usual walk Breath Focus Yoga 100% Full compliance Patient did less than Patient did more than	0 01-07 08-14 15-21 22-28 29 nov-05 dec My Usual walk Breath Focus Yoga 100% Full compliance Patient did less than recommended Patient did id more than recommended	0 01-07 08-14 15-21 22-28 29 nov-05 dec • My Usual walk • Breath Focus • Yoga 100% <100% >100% Full compliance • Yoga Copsule • Date Average percentage	150 125 75 50					1
 My Usual walk Breath Focus Yoga 100% <100% >100% Full compliance Patient did less than Patient did more than 	My Usual walk Breath Focus Yoga 100% <100%	My Usual walk Breath Focus Yoga 100% <100%						
	Capsule Date Average percentage							

4.1.6.1. Patients Profile - Achievement tab – Visualization of the patient's progress week by week for each prescribed Activity as % compliance. These will not be available through a Patient app. The results will be discussed during a live visit.



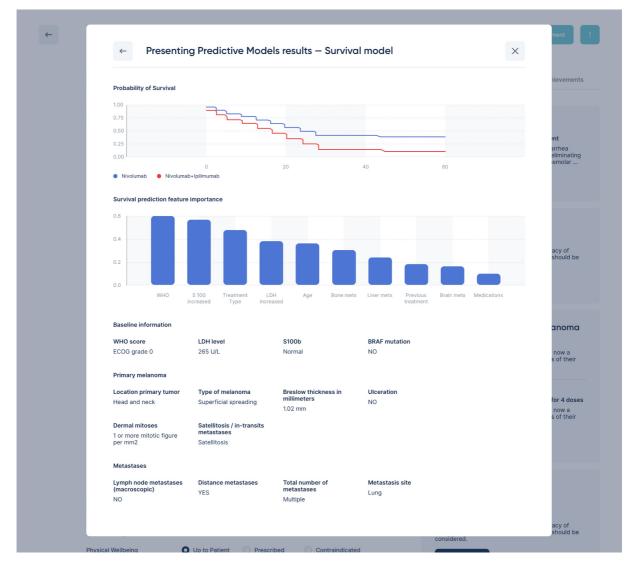
• 4.1.7. Run predictive model tab

Link to the UI (design): Link

~	1944 Nov 10 (76 y.o)	nedule next visit Prescribe new tre	
	Treatment Measurement Past relevant information Activity timeline Questionnaire results Current Past Run predictive model Run predictive model <t< th=""><th>Symptoms Lab tests A</th><th>nt arrhea eliminating</th></t<>	Symptoms Lab tests A	nt arrhea eliminating
	Survival model Model for predicting Overall Survival (OS) for Melanoma patient treated with Imunnotherapy. Predicted survival graphs will be presented for Nivolumab and Nivolumab+Ipilimumab View		ismolar
	Response model Model for predicting response to the treatment for Melanoma patient treated with Immontherapy. Predicted probabilities of having response will presented for Nivolumab compared to Nivolumab+Ipilimumab		acy of should be
			anoma
	Loperamide 4 mg/4 hours, As needed medication Diarrhea	Nivolumab 240 mg IV q2Weeks PD-1 blockade or PD-1 and ipilimumab a standard of care for all patients, regardl BRAF status, in the first-line setting.	
	Other treatment St. John's-wort 300 mg/1 day (23 March 2017) Depressive disorder	- Nivolumab 3 mg/kg IV q3Weeks - ipilimumab 1 mg/kg IV on the same da PD-1 blockade or PD-1 and ipilimumab a standard of care for all patients, regard BRAF status, in the first-line setting.	are now a

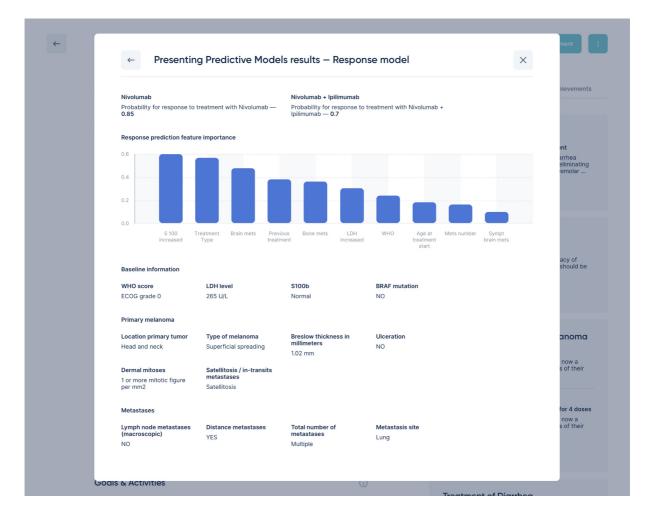
4.1.7.1. Patients Profile - Run predictive model function - a list of available models for a specific Patient.



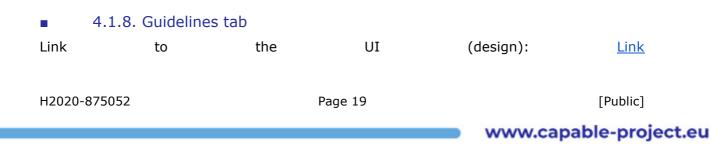


4.1.7.2. Patients Profile - Run predictive model function - Survival model.

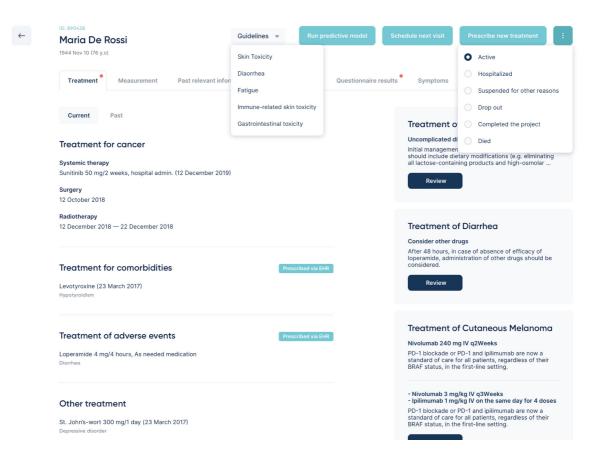




4.1.7.3. Patients Profile - Run predictive model function - Survival model.







4.1.8.1. Patients profile - Skin toxicity, Fatigue, Diarrhea, Immune-related skin toxicity, gastrointestinal guidelines

• 4.2. Mobile App for Patients

4.2.1. Onboarding (Health status)

Link to the UX: <u>Onboarding prototype</u> Link to the UI (design): <u>Link</u>



User Interface prototype 2

Introduction	Introduction	Introduction	Introduction
**	This will help you to understand and cope with your needs, to become more proactive, more positive in facing your disease. Probably you will realize that some lifestyle and behavior change may improve your wellbeing.	When do you start your day? In order to configure the reminders for the proposed activities we would like to know a bit more on your daily routine and your preferences	When do you start your day? In order to configure the reminders for the proposed activities we would like to know a bit more on your daily routine and your preferences
Hello, Maria! The CAPABLE app will implement an overall intervention strategy for improving your wellbeing, both physical and mental. It will	The app will suggest you some exercises, both physical and mental, to achieve your objectives. And it also will help you to assess your objectives and monitoring their achievement.	06:00 - 08:00 08:00 - 10:00 10:00 - 12:00	06:00 - 08:00 ✓ 08:00 - 10:00 10:00 - 12:00
help you increasing your awareness about your condition, listen to your body and your emotions.	Before strating our journey for a better live quality, we would like to know you better and ask some questions about your daily habits		
CONTINUE		< BACK NEXT >	K BACK NEXT >
	CONTINUE		
Introduction		Introduction	Introduction
		Introduction Specify which activities do you prefer?	Introduction Specify which activities do you prefer?
Awesome! The app is not only a means for reporting your symptoms to doctors (which is crucial indeed), but it will represent for you a real earning experience and something that will	 ✓ O □ Introduction About the project 	Specify which activities do you prefer? Being outside Being with animals or pets	
Avesome! The app is not only a means for reporting your symptoms to doctors (which is crucial ndeed), but it will represent for you a real earning experience and something that will		Specify which activities do you prefer? Being outside	Specify which activities do you prefer?
Awesome! The app is not only a means for reporting your symptoms to doctors (which is crucial ndeed), but it will represent for you a real earning experience and something that will	 ✓ O □ Introduction About the project 	Specify which activities do you prefer? Being outside Being with animals or pets Being with someone you care	Specify which activities do you prefer? Being outside Do you want to better specify which activit you like to do?
Awesome! The app is not only a means for reporting your symptoms to doctors (which is crucial indeed), but it will represent for you a real earning experience and something that will	Introduction About the project Image: Comparison of the project of t	Specify which activities do you prefer? Being outside Being with animals or pets Being with someone you care Cooking Doing handwork like crocheting, woodworking, crafts, knitting, painting,	Specify which activities do you prefer? Being outside Do you want to better specify which activity you like to do? If you want, tell more about this activity Being with animals or pets
Introduction Awesome! The app is not only a means for reporting your symptoms to doctors (which is crucial idead), but it will represent for you a real idead), but it will represent for you a small idead),	Introduction About the project Image: Comparison of the project of t	Specify which activities do you prefer? Being outside Being with animals or pets Being with someone you care Cooking Doing handwork like crocheting, woodworking, crafts, knitting, painting, drawing, ceramics, or clay work Eating or drinking preferred dishes or	Specify which activities do you prefer? Being outside Do you want to better specify which activity you like to do? If you want, tell more about this activity Being with animals or pets Being with someone you care

4.2.1.1. Welcome screens and introduction of the CAPABLE System. The Patient provides the information about their sleeping habits, physical activities and hobbies. The description texts in the screenshots are for demonstration purposes only and will be updated during the development process.

4.2.2. Education tab
 Link to the UX: Education tab prototype
 Link to the UI (design): Link



User Interface prototype 2

Education	ଝ	← Useful links		← Skin toxicity
General	~	Kanker.nl - we zijn er voor je Kanker.nl		✓ How common are skin toxicities? ∧
Immunotherapy-related side-effects	^	Stichting Melanoom Nederland	2 2	It is very important to note that side effects which lead to permanent discontinuation of treatment with checkpoint inhibitors are
Fatigue		Centrum Kwaliteit van Leven AvL	Z	relatively infrequent, and early findings suggest that treatment with intravenous corticosteroids or stronger
Skin toxicity				immunosuppressive drugs (for more severe side effects) does not negatively affect how
Gastrointestinal toxicity				your cancer will respond to immune checkpoint therapy.
Respiratory toxicity				Skin-related side-effects are common during immunotherapy. Most cases are
Liver toxicity				mild. Less than 1% of cases was severe. Patients experience solely itching or itch in
Other side-effects				combination with rash.
Diagnosis Melanoma	~			
Diagnosis RCC	~			- Ipilimumab -Nivolumab -Pembrolizuma b
				Rash 24% 15%
Symptom Reporting Education	\sim			Itching 25%-35% 13%-20%

4.2.2.1. The Capable system will provide to the patients clinically validated educational contents (from AIMAC sources and other available medical websites)

• 4.2.3. Imagery Training capsule

Link to the UX: <u>Imagery Training capsule prototype</u> Link to the UI (design): <u>Link</u>

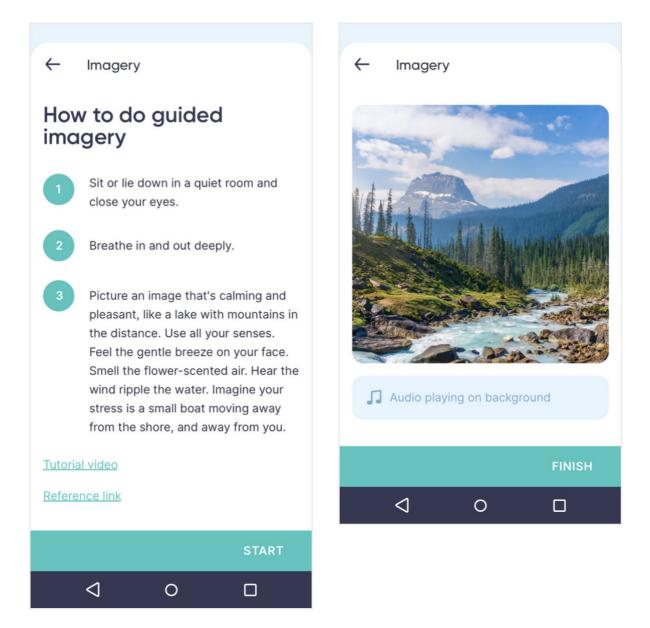
H2020-875052

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[Public]

D6.3





4.2.3.1. Introduction screen to the Imagery training capsule, screen with audiovisual user interface

• 4.2.4. Questionnaires

Links to the prototype:

- <u>PHQ-9</u>
- Insomnia Severity Index

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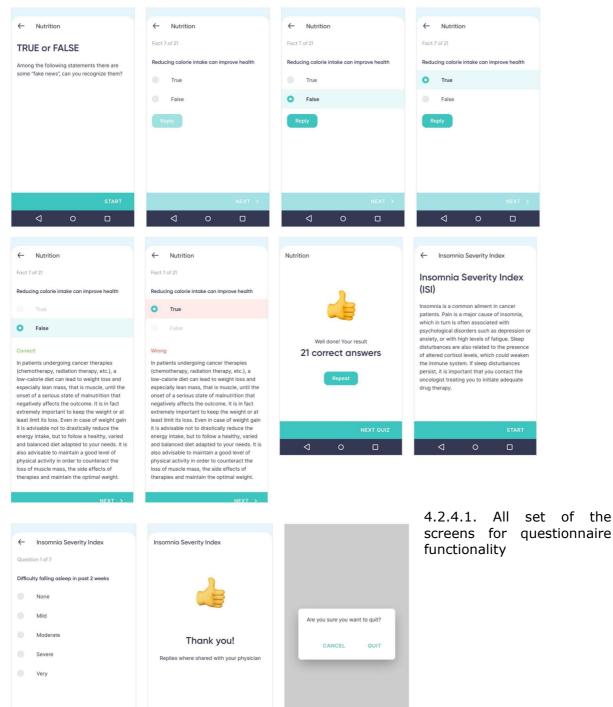
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- Sleep facts
- <u>How are you feeling physically/emotionally</u>
- Mood

thermometer

Link to the UI (design): Link



4.2.5. Settings

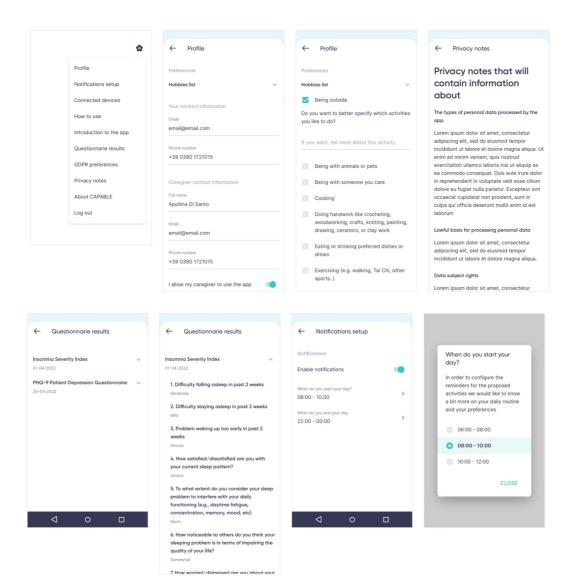
Link to the UX: <u>Settings tab prototype</u> Link to the UI (design): <u>Link</u>

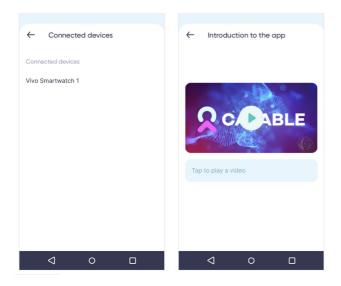
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User Interface prototype 2





4.2.5.1. The set of the screens for the Settings tab. The description texts in the screenshots are for demonstration purposes only and will be updated during the development process.



• 5. Glossary

- UI User-Interface
- UX User Experience (Interactive prototype)
- CTACE Common Terminology Criteria for Adverse Events. The CTCAE displays Severity Grades 1 through 5 with unique clinical descriptions of severity for each adverse event