

APPENDIX E – DEVOPS CONCEPTS ADDRESSED IN THIS PROPOSAL

Category	Concept	Mentioned	Explained	Practiced
Knowledge Sharing	Culture of collaboration		✓	✓
	Knowledge sharing		✓	✓
	Breaking down silos	✓		
	Cooperation between departments	✓		
Source code management	Version control		✓	✓
	Culture of collaboration		✓	✓
	Sharing knowledge		✓	✓
	Breaking down silos	✓		
	Collaboration between departments	✓		
Building process	Release engineering		✓	✓
	Continuous delivery	✓		
	Automation	✓		
	Test automation		✓	✓
	Static analysis		✓	✓
Continuous integration	Frequent and reliable launch process		✓	✓
	Release engineering	✓		
	Continuous integration		✓	✓
	Deployment pipeline		✓	✓
	Continuous delivery and automation	✓		
	Artifact management		✓	✓
Deployment automation	Frequent and reliable launch process	✓		
	Release engineering	✓		
	Configuration management		✓	✓
	Continuous deployment		✓	✓
	Infrastructure as code	✓		
	Virtualization and containerization	✓		
Monitoring and registration	Cloud services and automation	✓		
	You built it, you run it		✓	✓
	After-hours support for devs	✓		
	Continuous runtime monitoring	✓		
	Performance, availability and scalability	✓		
	Resilience, reliability and automation	✓		
	Metrics, alerts and experiments		✓	✓
	Log management and security		✓	✓

Source: Table adapted from (LEITE *et al.*, 2019)