

Task	Duration	Predecessors
1.1 Requirement gathering	3 weeks	None
1.2 Design and planning	4 weeks	1.1 Requirement gathering
2.1.1 User interface design	6 weeks	1.2 Design and planning
2.1.2 Navigation and functionality	8 weeks	1.2 Design and planning
2.2.1 Payment processing system	10 weeks	1.2 Design and planning
2.2.2 Database integration	6 weeks	1.2 Design and planning
2.2.3 Google maps integration	4 weeks	1.2 Design and planning
2.2.4 Payment processing system integration	6 weeks	2.2.1 Payment processing system, 2.2.2 Database integration
2.1 Front-end development	16 weeks	2.1.1 User interface design, 2.1.2 Navigation and functionality
2.2 Back-end development	22 weeks	2.2.1 Payment processing system, 2.2.2 Database integration, 2.2.3 Google maps integration, 2.2.4 Payment processing system integration
3.2 Optimization	8 weeks	2.1 Front-end development, 2.2 Back-end development
3.1 Bug fixing	12 weeks	2.1 Front-end development, 2.2 Back-end development, 3.2 Optimization
4.2 User testing	4 weeks	3.1 Bug fixing
4.1 Submission to app stores	1 day	4.2 User testing
5.1 Stakeholder communication	Ongoing	None
5.2 Project maintenance	Ongoing	None