Plan for Delivery / Time Log

This document provides a time tracking log for the Pixelz Order Checkout submission, documenting estimated and actual time spent on each task.

|  |  |  |  |
| --- | --- | --- | --- |
| Task | Description | Est. Time (hrs) | Actual Time (hrs) |
| Requirement Analysis | Understand test description and extract requirements | 1.0 | 1.5 |
| Assumptions Documentation | Document system assumptions and validations | 0.5 | 0.5 |
| Business & Functional Specification | Write business and functional flow for search & checkout | 1.5 | 2.0 |
| API Specification | Design REST APIs for order operations | 1.0 | 1.5 |
| Database Design | Create schema, SQL scripts, ERD | 1.0 | 1.0 |
| System Design Document | Design architecture and components interaction | 1.0 | 1.2 |
| Sequence Diagrams | Draw sequence diagrams for order and search flows | 1.0 | 1.0 |
| Implementation | Develop API logic, services, models | 4.0 | 4.5 |
| Mock Services | Implement mocked Payment, Email, Production services | 1.0 | 1.0 |
| Swagger / OpenAPI Config | Enable and document via Swagger | 0.5 | 0.5 |
| Testing & Debugging | Test business logic and endpoint responses | 1.0 | 1.5 |
| Documentation Finalization | Prepare final deliverables: docx, diagrams | 1.0 | 1.5 |
| GitHub Preparation | Push code and documents to GitHub | 0.5 | 0.5 |

🕒 Total Estimated Time: 15.0 hours

🕒 Total Actual Time Spent: 18.2 hours

🗓️ Submission Date: 2025-07-06