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Transport Ticket System

Module: CS4125

Systems Analysis & Design

Lecturer: Anila Mjeda

Submitted by:

Eoghan Russell 17202124

Pawel Ostach 17214211

Damian Skrzypek 17217679

Darragh Kelly 17235545

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# Business Scenario

# Software Lifecycle

# Project plan

|  |  |  |  |
| --- | --- | --- | --- |
| Deliverable | Description | Responsibility | Week |
| Business Scenario | * Concept | Darragh | 4 |
| Software Lifecycle | * Introduction * Agile | Eoghan | 4 |
| Project Plan | * Project Plan Table | Pawel | 4 |
| Established Roles | * Role Allocation Table | All | 3 |
| Requirements | * Use case Diagrams * Structured Use Case Descriptions * Detailed Use Case Descriptions * Non-functional requirements * Quality Attributes * GUI Prototypes | Darragh  Darragh  Darragh  Damian  Eoghan  Pawel | 5or6 |
| System Architecture | * Package Diagram * Decision Details | Damian | 6 |
| System Analysis | * Candidate Classes * UML Analysis Diagram * Communication(Sequence) Diagram | Damian | 6 |
| Tabular Class Listing | * Code Breakdown Table | All | 10 |
| Code | * Code Snippets * Model View/Architecture * Design Patterns * GUI/UI Screenshots and Explanation * Version Control * JUnit Testing * Code Style and Standards * Database Support * Functions is Used(eg. Lambda) | All | 10 |
| Added Value | * GitHub * Database (SQL or FireBase) | Eoghan | 11 |
| Recovered Architecture and Design Blueprints | * Architectural Diagram * Design Time Class Diagram * State Chart Diagram * Screen Correlation | Pawel | 11 |
| Critique | * Architecture * Design Patterns * Language * Framework | Eoghan | 11 |
| References | * List of Readings | All | 12 |

# Requirements

# System Architecture

# System Analysis

# Tabular Class Listing

# Code

# Added Value

# Recovered Architecture and Design Blueprints

# Critique

# References