



# Quiz Manager Submission:

## **Synoptic Project for Linna Trieu**

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Prepared for: BCS, Digital Industries Apprenticeship

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# SYNOPTIC PROJECT CONTENT

## **0. Overview**

## **1. Design Documentation**

- 1.1. Project Plan
- 1.2. Requirements Analysis
- 1.3. User Interface Design & Wireframes
- 1.4. Database Design & ERD
- 1.5. User stories

## **2. Construction**

- 2.1. Development Diary
- 2.2. Setup Instructions to Run the Application

## **3. Test**

- 3.1. Testing Documentation

## **4. Document**

- 4.1. Quiz Manager User Guide
- 4.2. Project Evaluation

# PROJECT DELIVERABLES

Section	Deliverable	Description	Output
<b>1. Design</b>	Project Plan	<ul style="list-style-type: none"> <li>Project management of the Synoptic Project;</li> <li>Identify the project's objectives, activities and estimate time management;</li> <li>Define sprints and tickets to break the project into manageable chunks;</li> <li>Define ways of working.</li> </ul>	Word doc, Excel, photos of planning session
	Requirement Analysis	<ul style="list-style-type: none"> <li>Business requirements &amp; assumptions;</li> <li>Constraints and limitations;</li> <li>Software engineering project decisions - high level, technical/coding choices.</li> </ul>	Word doc
	User Interface Design	<ul style="list-style-type: none"> <li>Wireframes of the Application's user interface design.</li> </ul>	Wireframe designs
	User Stories	<ul style="list-style-type: none"> <li>User stories;</li> <li>Articulating the various user journeys/flows and interactions end users have with the application.</li> </ul>	Word doc
	Database Design	<ul style="list-style-type: none"> <li>Entity Relationship Diagram and database schema;</li> <li>Data models which represent the data structures required for users and their permissions, quizzes, questions and answers.</li> </ul>	ERD diagram
<b>2. Construction</b>	Program Code	<ul style="list-style-type: none"> <li>'README' file - Instructions for examiner to set up and run the application locally;</li> <li>Implement the Design decisions, meet user requirements and execute the project plan.</li> </ul>	README, Program Code
<b>3. Test</b>	Testing Document	<ul style="list-style-type: none"> <li>Articulate the integrated testing approach and strategy applied throughout the project;</li> <li>Document the outcome of testing approach through the manual and automated testing.</li> </ul>	Word doc, Program Code
<b>4. Document</b>	User Guide Document & Manual	<ul style="list-style-type: none"> <li>'How to use the product' for end-users - provide guidance to people using the website;</li> <li>Instructions - how to set up, operate and use;</li> <li>Includes screenshots of interface, tutorial videos.</li> </ul>	Word doc, Videos
	Evaluation & Reflection	<ul style="list-style-type: none"> <li>Critical evaluation of client requirements and project objectives against outcome</li> <li>Future improvement &amp; post-project enhancements</li> </ul>	Word doc