Dev Plan:

Task	Begin Date	End Date	Deliverables
1. Requirements Analysis	8/11/2025	19/11/2025	Requirement analysis documentation files
1.1 Problem statement	8/11/2025	12/11/2025	A documentation file of approximately 1-2 page(s) describing the software problem, including the operating environment, design, and implementation constraints
1.2 Requirements Overview	8/11/2025	14/11/2025	Requirement overview documentation files
1.2.1 Identify Stakeholders	8/11/2025	14/11/2025	List of stakeholders and descriptions of their roles
1.2.2 Functional Requirements Specification	8/11/2025	14/11/2025	List of functional requirements
1.2.3 Non-Functional Requirements Specification	8/11/2025	14/11/2025	List of non-functional requirements
1.3 Requirement analysis	14/11/2025	17/11/2025	Requirement analysis documentation files
1.3.1 Use case models	14/11/2025	17/11/2025	A pdf/image file showcasing the use case diagrams of the system
1.3.2 Use case specification	14/11/2025	17/11/2025	Tables of detailed descriptions for each existing use case

1.4 Prototype/Mockup	17/11/2025	19/11/2025	A pdf/image file presenting the wireframe of the program
2. Software Design	6/11/2025	30/11/2025	Software design documentation files
2.1 Conceptual Model	20/11/2025	21/11/2025	A pdf/image file illustrating the semantic entities within the software.
2.2 Architectural design	22/11/2025	26/11/2025	Architectural design documentation files
2.2.1 Architectural diagram	22/11/2025	26/11/2025	A pdf/image file presents the architecture as a tree diagram, highlighting special features
2.2.2 Class diagram	22/11/2025	26/11/2025	A pdf/image file presents the class diagram showcasing the relationship between the classes
2.2.3 Class specifications	22/11/2025	26/11/2025	Tables of detailed descriptions for each class
2.3. Data design	27/11/2025	30/11/2025	Data design documentation files
2.3.1 Data diagram	27/11/2025	30/11/2025	A pdf/image file presents the data diagram
2.3.2 Data specifications	27/11/2025	30/11/2025	Description for each collection, and it documents

2.4. UI/UX design	6/11/2025	12/11/2025	UI/UX design documentation files
2.4.1 Screen diagram	6/11/2025	12/11/2025	An pdf/image file of a screen diagram illustrating the relationships and transitions between the screens
2.4.2 Screen specifications	6/11/2025	12/11/2025	Description format and event handling for important scenes
3. Implementation	5/11/2025	6/12/2025	Application's source code, unit test files and git branches
3.1 Setup	5/11/2025	6/11/2025	Git branches for each features
3.2 Coding	6/11/2025	6/12/2025	Working source code for listing features
3.3 Unit Testing	6/11/2025	6/12/2025	Test files and test results for working source code
3.4 Integration	6/11/2025	6/12/2025	Merged code in main/dev branch
4. Testing	7/12/2025	11/12/2025	Test documentation files
4.1 Test Plan	7/12/2025	9/12/2025	A detailed documentation for the test plan
4.2 Test Case	10/12/2025	11/12/2025	Test case documentation
4.2.1 Test Case List	10/12/2025	11/12/2025	List of test cases

4.2.2 Test Case specifications	10/12/2025	11/12/2025	Detailed descriptions of the most important test cases
5. Deployment and Maintenance	12/12/2025	18/12/2025	Build scripts and hosted website
5.1 Build the application	12/12/2025	17/12/2025	Build scripts and configuration files
5.2 Deploy	17/12/2025	18/12/2025	The URL for hosted app