Software Documentation

1. Introduction
   1. Project Name and Details
   2. Team Details and Certifications
2. Requirements
   1. **S**oftware **R**equirement **S**pecification
      1. Client Requirements
      2. Project Requirements
      3. Definitions
         1. Project
         2. Client
         3. User/Actors
         4. Application
         5. Developer
         6. Stakeholder
   2. Goals and Overview
   3. Scope
   4. Constrains
      1. User Constrain
      2. System Constrain
      3. Technical Constrain
   5. Non-Functional Requirements
      1. Operational Requirements
      2. Performance Requirements
      3. Security Requirements
      4. User Training Requirements
      5. Third Party Software Requirements
   6. Application Interface
      1. **U**ser **I**nterface
         1. Use case diagram
         2. Sequential diagram
         3. Activity diagram
      2. **A**pplication **P**rogramming **I**nterface
   7. Functional Requirements
      1. Required Features
      2. Optional Features
3. **S**oftware **P**roject **M**anagement **P**lan
   1. Deliveries
   2. Schedule Summary
   3. Start Up Plan
      1. Team Organization
      2. Project Communications
      3. Environment Finalization
      4. SDLC Model Finalization
   4. Design
      1. Database Design
         1. Dates
         2. Assumed Constrains
         3. Tools Required and Environment
         4. **E**ntity **R**elationship **D**iagram
         5. **D**ata **F**low **D**iagram
         6. Table Design
         7. View Design
         8. Database Constraints (primary keys, foreign keys)
         9. Cardinality of referential constraints
         10. Cascading Policy for referential constraints
      2. Interface Design
         1. User Interface Design
            1. Features Design
            2. Functional Design
            3. Page Design
      3. Back End / Server Design
         1. **O**bject **R**elational **M**apper
         2. UML Design
         3. Class Design
         4. Data Flow Diagram
         5. UI Database Mapping
   5. Technical
      1. Database Implementation
         1. Tools Used
         2. SQL’s
         3. Database Overview
      2. User Interface Implementation
         1. Tools Used
         2. Code
         3. Third Party Dependencies
      3. Server Implementation
         1. Tools Used
         2. Code
         3. Third Party Dependencies
   6. Testing
      1. Ad-Hoc Testing
         1. Test Cases and Result
      2. White Box Testing
         1. Test Cases and Result
      3. Black Box Testing
         1. Test Cases and Result
4. End User
   1. Quick Start Guide
   2. FAQ
   3. Troubleshooting
   4. Feature Overview
5. Marketing – Future Scope
   1. Maintainability
   2. Future Scope
   3. Improvement on Current System
   4. Ease of Use