eLoan Project Documentation

# Project Management

The role designation for the eLoan Project was as follows:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Armin | Anshul | Andrew |
| **Database** | | | |
| Database Schema | ACI | RA | ACI |
| Database Implementation | ACI | ACI | RA |
| **Client** | | | |
| Decision Making Script | ACI | RA | ACI |
| Acquisition Backend | ACI | ACI | RA |
| Account Management Backend | RA | ACI | ACI |
| UI | RA | ACI | ACI |
| **Post-Completion** | | | |
| Presentation | RA | RA | RA |

# Functional Specifications

The eLoan project is intended to provide users with a place to apply, receive, and manage loans. This web app will provide users with a graphical user interface to operate within their browser where they will input a series of information used to create profiles, apply for loans, and manage them. The web flow for the app is as follows:

Login -> Create an account -> Registration

Login -> Proper login submission -> Home (Index)

Registration -> Login Here -> Login

Registration -> Proper Registration Submission -> Login

Home(View) -> Apply -> LoanApp(View)

Home(View) -> My Loans -> Loans(View)

Home(View) -> My Account -> Account(View)

All of these views are managed within the HomeController class.

The web app should read information from HTML forms and apply them to the CRUD implementation to translate information to database entities.

# Technical Specifications and Implementation

## Architecture and Programming

The eLoan project is built using the ASP.NET Model-View-Controller architecture. The MVC architecture would be applied to allow for better delineation of roles within the architecture. The primary programming language was C# for the backend connections and logic.

## Create-Read-Update-Delete

The backend of the interaction with the database