Software Developer - Project

# Overview

Please understand the business requirement below and try to solve the assignment.

# Business Requirements

Create a simple 2-page website using Node.js and SQL database.

# Page 1: Login Page

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| **Use-Case ID** | **1** |
| User-Case Name | Login Page |
| Use-Case Description | If the user enters the correct details, log in the user and take them to page 2. |
| Inputs | 1. Email ID 2. Password 3. Submit button |
| Validations | 1. Validate email ID & password against a database of registered users. Allow the user to login only if input details are correct 2. If the user enters wrong password 5 times consecutively, block the user for 24 hours from the last incorrect attempt |

**Page 2: User Management**

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| **Use-Case ID** | **2.1** |
| User-Case Name | User List |
| Use-Case Description | Show a list of registered users |
| User Interface | Show a table with three columns:   1. User name 2. Email ID |

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|  | 3. Actions (View, Edit, Delete) |

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| **Use-Case ID** | **2.2** |
| User-Case Name | Add User |
| Use-Case Description | Add a user by clicking on Add Button on “User Management” page |
| Input | 1. User name 2. Email ID 3. Password 4. Confirm Password 5. Submit button |
| Validation | 1. Email ID should be unique |

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| **Use-Case ID** | **2.3** |
| User-Case Name | View User |
| Use-Case Description | View a user by clicking on View button on “User Management” page against any user row |
| User Interface | Show following fields   1. User name 2. Email ID |

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| **Use-Case ID** | **2.4** |
| User-Case Name | Edit User |
| Use-Case Description | Edit a user by clicking on Edit Button on “User Management” page against any user row |
| Input | 1. User name 2. Email ID (uneditable) 3. Password 4. Confirm Password |

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|  | 5. Submit button |

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| **Use-Case ID** | **2.5** |
| User-Case Name | Delete User |
| Use-Case Description | Delete a user by clicking on Delete Button on “User Management” page against any user row |
| Input | 1. Confirmation pop-up 2. Submit button |