# Business Requirements

# Software Requirements

# Use Cases

<https://www.tablesgenerator.com/markdown_tables>

**## UC-1: Log-in**

|  |  |
| --- | --- |
| Name | Account creation |
| Goals | User can create a new account. Have option to be a Care Provider or a Patient. |
| Participating Actors | User(Patient or Care Provider) |
| Triggers | User clicks “create account” |
| Pre-Condition | User does not have an account yet |
| Post-Condition | User account is created (CP or Patient) |
| Basic Flow | 1. System presents the log-in screen 2. User clicks “Create New Account” 3. System directs registration form 4. User enters:    1. Username    2. Email    3. Phone number    4. Option between Care Provider or Patient 5. System accepts, user is brought back to the log-in screen 6. User enters username → enter 7. User is brought to home screen |
| Alternate Flow | 7a. If user is care provider, list of patients is shown  7b. If user is patient, list of problems is shown |
| Exceptions | 4.a Username provided was invalid   * System prompts the user to enter username again   4.b Username is already taken   * System prompts the user to enter username again   4.c Email provided was invalid   * System prompts the user to enter email again   4.d Phone number was invalid   * System prompts the user to phone number again |
| Qualities | Username needs to be minimum 8 characters |

**## UC-2: Record Medical Problems**

|  |  |
| --- | --- |
| Name | Record Medical Problem |
| Participating Actors | Patient |
| Goals | User can add a problem to the problem list |
| Triggers | Once the user “clicks” the “Add problem” |
| Pre-Condition | User must be looking at his/her problem list |
| Post-Condition | A new problem is added to the list with date description and title |
| Basic Flow | 1. User clicks the “Add Problem” button 2. System directs user to “Add Problem” page 3. User enters:    1. Description    2. Title 4. User is brought back to the main screen with new problem added to list |
| Exceptions | 3b. Title was not entered   * System prompts user to enter a title (max 30 characters) |
| Qualities | Maximum length of description is at least 300 characters  Maximum length of problem title is at least 30 characters  A timestamp is displayed when a problem is created |

**## UC-3: Edit Medical Problem**

|  |  |
| --- | --- |
| Name | Edit Medical Problem |
| Goals | User can edit previously recorded medical problems |
| Participating Actors | Patient |
| Triggers | User taps and holds a specific medical problem from the list of problems and selects “Edit Problem” |
| Pre-Condition | Problem exists |
| Post-Condition | Problem edited |
| Basic Flow | 1. User taps and holds a certain medical problem 2. System shows “Edit Problem” option 3. User clicks on “Edit Problem” 4. System directs to “Edit Problem” page 5. User changes    1. Description    2. Title 6. System takes user back to list of problems page 7. System displays updated list of problems page |
| Exceptions | 5b. User enters a blank title   * System prompts user to enter valid title   5b. User enters too many characters for title   * System prompts user to enter valid title |
| Qualities | Maximum length of description is at least 300 characters  Maximum length of problem title is at least 30 characters |

**## UC-4: View Medical Problems**

|  |  |
| --- | --- |
| Name | View Medical Problems (Problems) |
| Goals | List all the medical problems |
| Participating Actors | Users |
| Triggers | After user Logs In |
| Pre-Condition | User has an account |
| Post-Condition | View problems |
| Basic Flow | 1. User logs In 2. User Views Medical Problems |
| Exceptions | No problems |
| Qualities | * All added problems appear in the list * List takes less than 20 seconds to load * List appears after log In * User can scroll through the list |

**## UC-5: View All Records for Medical Problems**

|  |  |
| --- | --- |
| Name | View All Records for Medical Problems |
| Goals | Present the user all the records for a medical problem (Problem) |
| Participating Actors | Users |
| Triggers | User taps on a medical problem |
| Pre-Condition | A medical problem should exist |
| Post-Condition | A view of the different records for medical problems is shown |
| Basic Flow | 1. User taps on a medical problem 2. System directs the user to the Records page |
| Exceptions | N/A |
| Qualities |  |

**## UC-6: Add Comment on Medical Problem**

|  |  |
| --- | --- |
| Name | Add comments |
| Goals | Add comments on the medical problem |
| Participating Actors | Care Provider |
| Triggers | User taps on add comment |
| Pre-Condition | After user logs In |
| Post-Condition | Add a comment |
| Basic Flow | 1. User logs In 2. User sees patients 3. User selects a patient 4. User selects add comment button 5. App displays add comment form 6. User fills comment text and saves |
| Exceptions | No problem for the selected patient |
| Qualities | 1. Comment can be seen in the patient problem list 2. Comments persist after user backs out of the menu |

**## UC-7: Menu page for care providers (showing list of patients)**

|  |  |
| --- | --- |
| Name | Menu page for care providers (showing list of patients) |
| Goals | Show the care provider the list of patients that he/she is currently assigned to |
| Participating Actors | Care providers |
| Triggers | 1. When CP logs in 2. When CP navigates back to the menu page |
| Pre-Condition | CP account exists |
| Post-Condition | CP is viewing list of patients |
| Basic Flow | 1. A CP logs in 2. List for CP is shown |
| Exceptions | 1.a Account for User does not currently exists   * System prompts User to create an account before logging in |
| Qualities |  |

**## UC-8: View Slideshow of Medical Problem Photos**

|  |  |
| --- | --- |
| Name | View slideshow |
| Goals | View slideshow of medical record images |
| Participating Actors | Patient |
| Triggers | Hit the view slideshow button inside the problem menu |
| Pre-Condition | 1. User has photos saved in the problem 2. App currently on record list screen |
| Post-Condition | Slideshow completes |
| Basic Flow | 1. User selects view slideshow 2. App displays slideshow |
| Exceptions | No photos saved in the problem |
| Qualities | 1. CAn slide through photos 60frame |

## UC-n: Add patients

## UC-n: Search for Medical Problem

## UC-n: Delete Medical Problem

## UC-n: Delete Medical Problem Record