UC-1: Log-in

Name	Log-in
Goals	User logs into a profile
Participating Actors	User (Patient or Care Provider)
Triggers	User opens app while not logged in.
Pre-Condition	App is open on log-in screen
Post-Condition	User is logged into account and sent to their home screen
Basic Flow	1. System presents the log-in screen 2. User enters username 3. User hits "Login" 4. System validates username 5. System downloads user information 4. User is brought to home screen
Alternate Flow	none
Exceptions	
Qualities	
Related User Stories	US 03.01.01

UC-1.1: Account Creation

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" button
Pre-Condition	User opens app while not logged in.
Post-Condition	User is logged into account and sent to their home screen
Basic Flow	1. System presents the log-in screen

	2. User clicks "Create New Account"
	3. System opens registration form
	4. User enters:
	    a. Username
	    b. Email
	    c. Phone number
	    d. Option between Care Provider or Patient
	5. User hits "submit"
	6. System validates information
	7. System adds profile to the system
	8. User is brought to home screen

Alternate Flow	none
Exceptions	User is offline 5. System prompts the user to become online before creating an account 5.1 Go to 4 Username was invalid or taken 5. System invalidates invalid username 5.1 System prompts the user to enter username again 5.2 Go to 4 Email was invalid 5. System invalidates invalid email 5.1 System prompts the user to enter email again 5.2 Go to 4 Phone number was invalid 5. System invalidates invalid phone 5.1 System prompts the user to enter phone again 5.2 Go to 4
Qualities	Username needs to be minimum 8 characters
Related User Stories	US 03.01.01 US 03.01.02 US 03.01.03

UC-2: Record Medical Problem

Name	Record Medical Problem
Participating Actors	Patient

Goals	Patient can add a problem to the problem list
Triggers	Once the user taps the "Add problem" button
Pre-Condition	Patient on main screen containing their problem list
Post-Condition	A new problem is added to the list with date description and title

Basic Flow	1. Patient clicks the "Add Problem" button
	2. System directs user to "Add Problem" page
	3. Patient enters:
	    a. Description
	    b. Title
	4. Patient clicks "Save"
	5. System saves and uploads user problem.
	6. Patient is brought back to the main screen with new problem added to list

Exceptions	Title was not entered 4.1 System prompts user to enter a title (max 30 characters) 4.2 Go to 3 Patient is offline 4. System saves user problem 4.1 System queues synchronization upload until online
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
Related User Stories	US 01.01.01 US 01.01.02 US 01.01.03 US 08.01.01

UC-3: Edit Medical Problem

Name	Edit Medical Problem
Goals	Patient can edit previously recorded medical problems
Participating Actors	Patient
Triggers	Patient taps and holds a specific medical problem from the list of problems and selects "Edit Problem"

Pre-Condition	App open to a patient's main page with non-empty problem list
Post-Condition	App on the patient's main page with the problem edited

Basic Flow	1. Patient taps and holds a certain medical problem
	2. System shows "Edit Problem" option
	3. Patient clicks on "Edit Problem"
	4. System directs to "Edit Problem" page
	5. Patient may change
	    a. Description
	    b. Title
	6. Patient clicks "Save"
	7. System saves and uploads user problem.
	8. System takes user back to list of problems page

Exceptions	6.1 User enters an invalid title 6.2 System prompts user to enter valid title 6.3 Go to 5 6.1. User enters an invalid description 6.2 System prompts user to enter valid description 6.3 Go to 5 Patient is offline 7. System saves user problem 7.1 System queues synchronization upload until online
Qualities	Maximum length of description is at least 300 characters Maximum length of problem title is at least 30 characters
Related User Stories	US 01.03.01 US 08.01.01

UC-4: View Medical Problems

Name	View Medical Problems (Problems)
Goals	List all the medical problems
Participating Actors	Users
Triggers	User Logs In or open app while still logged in
Pre-Condition	User has an account

Post-Condition	View problems
Basic Flow	1. User opens main page 2. System checks for medical problem changes from remote and updates local 3. System displays list of 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
Related User Stories	US 01.02.01 US 07.01.01 US 08.01.01

UC-5: View All Records for a Medical Problem

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, user is logged in
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	
Qualities	N/A
Related User Stories	US 02.01.01

UC-6: Add Comment on Medical Problem

Name	Add comments
Goals	Add comments on the medical problem
Participating Actors	Care Provider
Triggers	Care Provider taps on add comment
Pre-Condition	After Care Provider logs In
Post-Condition	Add a comment
Basic Flow	1) Care Provider logs In 2) Care Provider sees patients 3) Care Provider selects a patient 4) Care Provider selects add comment button 5) App displays add comment form 6) Care Provider 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
Related User Stories	US 02.07.01 US 07.01.01

UC-7: List patients for Care Provider

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 (CP)
Triggers	1. When CP logs in 2. When CP navigates back to the main page
Pre-Condition	CP main page opens
Post-Condition	CP is viewing list of patients

Basic Flow	1. Care provider opens main page 2. System checks for patient list changes from remote and updates local 3. System displays list of patients
Exceptions	User is offline 2. System checks times out
Qualities	
Related User Stories	US 06.01.01 US 08.01.01

UC-8: View Slideshow of a Medical Problem

Name	View slideshow
Goals	View slideshow of medical problem 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) Takes 2 seconds to slide through per photo 2) Photos are ordered by oldest to most recent
Related User Stories	US 02.10.01

UC-9: Add patients

Name	Add patients
Goals	For the CP to add patients to their own list
Participating Actors	Care provider
Triggers	The CP taps on the "Add Patient" button from the menu page
Pre-Condition	N/A
Post-Condition	CP now has a patient
Basic Flow	1. CP taps on the "Add Patient" button from the menu page 2. System directs CP to a list of all patients 3. CP taps on a patient 4. System prompts CP if they want to "Add Patient" or "View Patient" 5. If "Add Patient" is pressed, add to list 6. CP is then directed back to the menu page with the list of patients
Exceptions	
Qualities	
Related User Stories	US 07.01.01

UC-10: Search for Medical Problem

Name	Search Problems
Goals	To search a medical problem
Participating Actors	Patient / Care Provider
Triggers	Keyword entered and search button is clicked
Pre-Condition	App currently showing the medical problems list Patient has at least one problem saved
Post-Condition	View the medical problems return by the search result

Basic Flow	1) User enters search criteria in the search bar 2) User hits the search button on the medical problems list screen 3) App displays the search result screen 4) List of all problems/records matched are displayed on the screen
Exceptions	No problems saved No problems returned for the searched keyword
Qualities	1) Can edit/delete a problem/record 2) Can scroll through all the records/problems matched 3) Search Displays the result in 5 sec 4) Search can be refined based on particular geo-location specified 5) Search can be refined based on particular body location specified
Related User Stories	US 04.01.01 US 04.02.01 US 04.02.01

UC-11.a: Add a Record With Comment

Name	Add a Record With Comment
Goals	The user can optionally add a record (geo-location, body location or comment)
Participating Actors	Patient
Triggers	"Add Record" button is selected
Pre-Condition	Patient is currently looking at list of records for the particular problem
Post-Condition	Patient is returned to list of records for the particular problem
Basic Flow	1. Patient presses "Add Record" button 2. System directs the patient to the add record page 3. User will Add comment 4. User is directed back to the list of records
Exceptions	3.a The user add a blank comment ● The system prompts the user to add again or cancel
Qualities	Records have a timestamp.

Related User Stories	US 01.05.01
	US 02.02.01
	US 02.05.01
	US 02.08.01

UC-11.b: Add a Record With Geo location

Name	Add a Record with Comment
Goals	The user can optionally add a record (geo-location, body location or comment)
Participating Actors	Patient
Triggers	"Add Record" button is selected
Pre-Condition	Patient is currently looking at list of records for the particular problem
Post-Condition	Patient is returned to list of records for the particular problem
Basic Flow	1. Patient presses "Add Record" button 2. System directs the patient to the add record page 3. User will Add geo-location 4. System prompts user "Yes, add location" 5. User is directed back to the list of records
Exceptions	N/A
Qualities	Records have a timestamp.
Related User Stories	US 01.05.01
	US 02.02.01
	US 02.05.01
	US 02.03.01
	US 02.08.01
	US 10.01.01

UC-11.c: Add a Record With Body location

Name	Add a Record with Body Location
Goals	Successfully add a body location to a record
Participating Actors	Patient
Triggers	"Add Record" button is selected
Pre-Condition	Patient is currently looking at list of records for the particular problem
Post-Condition	Patient is returned to list of records for the particular problem
Basic Flow	1. Patient presses "Add Record" button 2. System directs the patient to the add record page 3. User will Add a body location 4. System directs user to the cut-out image of body 5. User presses a body location 6. System directs user back to the list of records
Exceptions	
Qualities	Records have a timestamp.
Related User Stories	US 01.05.01 US 02.02.01 US 02.05.01 US 02.04.01 US 02.08.01

UC-11.d: Add a Record With Upload photos

Name	Add a Record with Upload photos
Goals	A record is successfully added with photos
Participating Actors	Patient
Triggers	Add Record Button is selected and Add Photos is selected
Pre-Condition	Patient is currently looking at list of records

Post-Condition	Patient is returned to list of records
Basic Flow	1. Patient presses "Add Record" button 2. System directs the patient to the add record page 3. User will Add a body location 4. System directs user to the cut-out image of body 5. User presses a body location 6. System directs user back to the list of records
Exceptions	
Qualities	Records have a timestamp. Up to 10 photos can be associated to a record Each photograph to be under 65536 bytes in size
Related User Stories	US 01.05.01 US 02.02.01 US 02.05.01 US 02.06.01 US 02.08.01 US 09.03.01

UC-12: Delete Medical Problem

Name	Delete a problem
Goals	Delete a problem saved
Participating Actors	Patient
Triggers	User longclicks a problem
Pre-Condition	1) App currently displaying problems list 2) Patient has a problem
Post-Condition	Problem Deleted
Basic Flow	1) User long clicks a problem 2) User selects delete from the dialog box 3) Problem Deleted and Problem List Refreshed
Exceptions	No problem saved

Qualities	Problem not viewable from the list after deletion
Related User Stories	

UC-13: Delete Medical Problem Record

Name	Delete a record
Goals	Delete a record saved
Participating Actors	Patient
Triggers	User longclicks a record
Pre-Condition	1) App currently displaying records list 2) Patient has at least one record in the problem
Post-Condition	Record Deleted
Basic Flow	1) User long clicks a record 2) User selects delete from the dialog box 3) Record Deleted and Records List Refreshed
Exceptions	No records saved
Qualities	Record not viewable from the list after deletion
Related User Stories	US 01.04.01

UC-14 Edit contact information

Name	Edit contact information
Goals	Users can edit the contact information in their profile.
Participating Actors	Users
Triggers	User clicks edit profile button
Pre-Condition	App open to their profile
Post-Condition	Contact info updated

Basic Flow	1. User clicks edit profile button 2. System displays contact info in edit-boxes 3. User clicks save 4. System save user info
Exceptions	Offline 3.1 System tells user that it cannot save while offline User clicks cancel - system returns to profile page without changing contact info.
Qualities	
Related User Stories	US 03.02.01

UC-15 View Account Contact Information

Name	View Account Contact Information.
Goals	Whenever a username is shown, be able to retrieve and see its corresponding contact information.
Participating Actors	Users
Triggers	User taps the userid of a user.
Pre-Condition	Userid on screen
Post-Condition	Contact info of user related to userid shown
Basic Flow	
Exceptions	Offline
Qualities	
Related User Stories	US 03.03.01

UC-16 View map of Medical Problem Records

Name	View map of Medical Problem Records
Goals	Allow users to see a map of all records (that have locations) for their own problems as a patient or their patient's problem as a care provider.
Participating Actors	Users
Triggers	User clicks "Map" buttop
Pre-Condition	User logged in and open to a problem
Post-Condition	Map of medical problem records displayed
Basic Flow	1. User clicks "Map" buttop 2. System gets all locations 3. System displays map and draws a point on the map for each location
Exceptions	No records have locations 2.1 System tells user there are no location records 2.2 System stays on problem page
Qualities	
Related User Stories	US 10.03.01