CR Review
Use Case Specification

Submitted to:

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Unique Reference:

The documents are stored in
referenced with "CR Review-1-Add CR Record.pdf".

Document Purpose:

This document is one of the Use Case Specifications for the CR Record Maintenance System. The Use Case to be focused on in this document is "Add CR Record".

Target Audience:

UP Diliman Students;

Prof. Ma. Rowena C. Solamo

Revision Control:

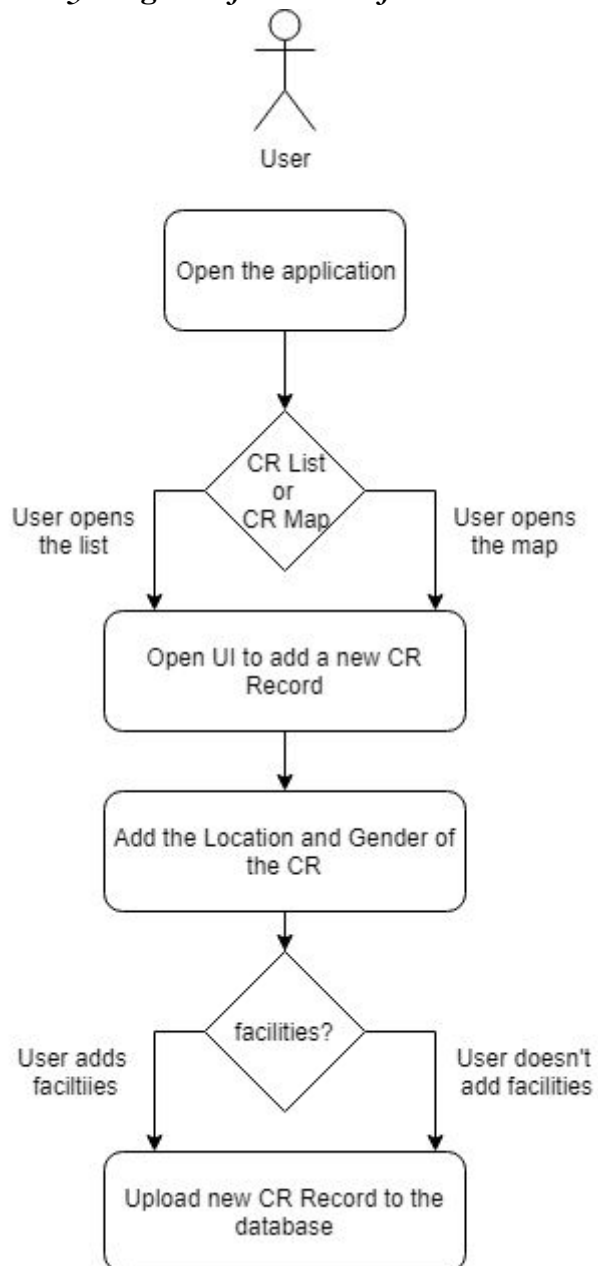| Revision Date	Person Responsible	Version Number	Modification
09/20/19	Lance Lim	1.0	Initial Document.
09/21/19	Lance Lim	1.1	Added Scenarios 1 to 4; added the swimlane diagram
09/21/19	Lance Lim	1.2	Added the Entity-Relationship diagram
09/22/19	Lance Lim	2.0	Updated the swimlane diagram and Entity-Relationship diagram

Use-Case Name: 1.1 Add CR Record

Description: Accessible only to the User. Creates a new CR Record by entering the details for location, available supplies and functional facilities. Details will be uploaded to the database and the newly made CR Record will be available for editing, reviewing, and deleting.

Preconditions: User should have opened either the CR Map or the CR List.
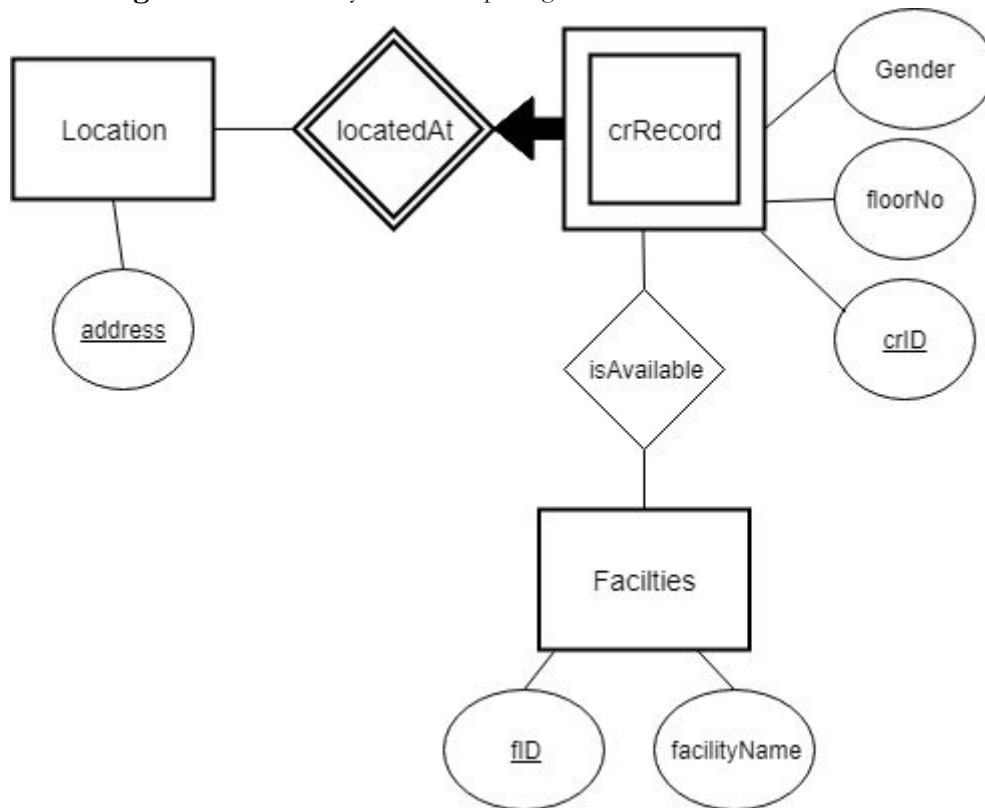
Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) User creates a new CR Record, with its available facilities, from the CR List.	1. User opens the application and chooses to view the CR List. 2. Map of the vicinity is displayed and CRs around the user and the user chooses to add a new CR Record to the list. 3. User adds the CR Location and Gender. 4. User chooses to add available facilities. 5. CR Record is uploaded to the database and is now available for review. It will also now be shown on the CR List.
Scenario 2 (Alternative Basic Flow) User creates a new CR Record, with its available facilities, from the CR Map.	1. User opens the application and chooses to view the CR Map. 2. Map of the vicinity is displayed and CRs around the user and the user chooses to add a new CR Record to the map. 3. User adds the CR Location and Gender. 4. User chooses to add available facilities. 5. CR Record is uploaded to the database and is now available for review. It will also now be shown on the CR Map.
Scenario 3 User creates a new CR Record, without its available facilities, from the CR List.	1. User opens the application and chooses to view the CR List. 2. Map of the vicinity is displayed and CRs around the user and the user chooses to add a new CR Record to the list. 3. User adds the CR Location and Gender. 4. User chooses not to add available facilities. 5. CR Record is uploaded to the database and is now available for review. It will also now be shown on the CR List.
Scenario 4 User creates a new CR Record, without its available facilities, from the CR Map.	1. User opens the application and chooses to view the CR Map. 2. Map of the vicinity is displayed and CRs around the user and the user chooses to add a new CR Record to the map. 3. User adds the CR Location and Gender. 4. User chooses not to add available facilities. 5. CR Record is uploaded to the database and is now available for review. It will also now be shown on the CR Map.

Activity Diagram of the Flow of Events:

User

Open the application

CR List
or
CR Map

User opens
the list

User opens
the map

Open UI to add a new CR
Record

Add the Location and Gender of
the CR

facilities?

User adds
faciltiies

User doesn't
add facilities

Upload new CR Record to the
database

Other Diagram: Entity-Relationship Diagram

Postcondition: NONE

Relationships: locatedAt: weak-entity relationship between the Location and crRecord.
                    - describes which CR is in which location.
            isAvailable: relationship between crRecord and Facilities.
                    - describes which facilities are available for every CR.

Special Requirements:
            NONE