

Meeting 1

Date: 02/7/24

Start Time: 10:00 am

End Time - 11:06:am

Team Name: The Residents

Project Name: CARES - Conn. Advanced Russell Emergency Services.

Team Members: Aden, Sandro, Fatima

Members present: Aden, Sandro, Fatima

Leader: Sandro

Recorder: Aden

Github: <https://github.com/alessio425/CS460W-ER-Project>

Report tasks completed in the previous week:

Aden: N/A (new deliverable)

Sandro: N/A (new deliverable)

Fatima: N/A (new deliverable)

Summary of discussions:

- We discussed who should do which use case from the use case diagram which will be developed
- Need to get clients opinion on use case that were made as rough draft
- Will be meeting again for a team meeting at 1:30
- Fatima will be doing the Dismissed patient and search patient as well as Diagnose, Prescribe, Start Discharge, Complete Discharge, Discharge Not Started, and, Generate Bill and Summary
- Sandro will do Edit information, Incorrect type, Start Patient Admission, Complete Patient Admission, Admission Not Started, and Run labs
- Aden will do ERS Login, Nurse Login, Doctor Login, Billing Staff Login, Search Patient Bills, Check In Patient, Log Out, Incorrect Login, and Empty Login
- For next week we will combine all our use case into one document and will add hyperlinks

Assignments for the next week and member assigned:

- (Aden) - relax (take a breather), refine use cases based on new diagram, work on color coding use case diagram, make a scenario for one of the use cases you wrote
- (Sandro) - Complete use case defined in discussion, create shared document for combined use cases, research database work with hashtables and implement into github project, make a scenario for one of the use cases you wrote
 - Idea to use hash tables for the information stored and hard-codes a binary file of updated info
- (Fatima) - Complete use cases for the defined in discussion, help with refined use case diagram, make a scenario for one of the use cases you wrote

Agreed Due Dates within Scope of Deliverable

February 14th - Use Case Diagrams and Scenarios finished

February 16th - Hard Deadline for Deliverable #2 Group Work

Deliverable Two Agenda

1. Create a rough model of the program
2. Create a skeletonized version of the deliverable one, bullet-pointed items that will be expanded upon in the final version, and any questions we need answered from the client to complete the section
3. Make one shared document of all use cases and upload copy to github project
4. Combine all three scenarios as one shared document as well and upload copy to github project
5. Complete Deliverable One final draft (revisions)
6. Work on full class diagram in reference to the use case diagram

Meeting 2

Date: 02/7/24

Start Time: 1:30 pm

End Time - 2:30:am

Team Name: The Residents

Project Name: CARES - Conn. Advanced Russell Emergency Services.

Team Members: Aden, Sandro, Fatima

Members present: Aden, Sandro, Fatima

Leader: Sandro

Recorder: Aden

Github: <https://github.com/alessio425/CS460W-ER-Project>

Report tasks completed in the previous week:

Aden: Worked on Use Case Diagram (login)

Sandro: Worked on Use Case Diagram (nurse)

Fatima: Worked on Use Case Diagram(doctor)

Summary of discussions:

- Will set a earlier deadline for use cases so we can all look over them as a group (the 14th of feb)
- Will do the same for scenarios with the same date
- Everything should be finalized by the 16th of feb
- Need to make clarification if Nurse and Doctors and also check-in patients
- Can ERS only check in patients double check
- Will double check if we need to update SRS document at the end of feb 16th

Assignments for the next week and member assigned:

- (Aden) - relax (take a breather), refine use cases based on new diagram, work on color coding use case diagram, make a scenario for one of the use cases you wrote
- (Sandro) - Complete use case defined in discussion, create shared document for combined use cases, research database work with hashtables and implement into github project, make a scenario for one of the use cases you wrote
 - Idea to use hash tables for the information stored and hard-codes a binary file of updated info
- (Fatima) - Complete use cases for the defined in discussion, help with refined use case diagram, make a scenario for one of the use cases you wrote

Deliverable Two Agenda

1. Create a rough model of the program
2. Create a skeletonized version of the deliverable one, bullet-pointed items that will be expanded upon in the final version, and any questions we need answered from the client to complete the section
3. Make one shared document of all use cases and upload copy to github project
4. Combine all three scenarios as one shared document as well and upload copy to github project
5. Complete Deliverable One final draft (revisions)

Meeting 3

Date: 02/14//24

Start Time: 1:32 pm

End Time - 2:34 pm

Team Name: The Residents

Project Name: CARES - Conn. Advanced Russell Emergency Services.

Team Members: Aden, Sandro, Fatima

Members present: Aden, Sandro, Fatima

Leader: Sandro

Recorder: Aden

Github: <https://github.com/alessio425/CS460W-ER-Project>

Report tasks completed in the previous week:

Aden: Completed Required Use Cases, Finished Scenario, and made diagram color-coded

Sandro: Completed Use Case for EditInformation and StartPatientAdmission and started example scenario

Fatima: Worked on Use Cases for the assigned part (Doctor), and scenario.

Summary of discussions:

- Still need to move all use cases into one document for review by team members, if time we will add hyperlinks
- Will work together as a group to revise SRS document and then document these changes into the meeting minutes
- Changes being made are going to be in the purpose section, and edit the database to be an in-house database instead of a MySQL database as previously thought
 - Talked about how there will be separate hash tables for each grouping of stored information, making it easier to transfer info from a seen patient to an admitted patient, and so on
 - Added that information to Section 2.1 in the SRS document

When labs are run we need to keep track of how many times a certain lab is run to calculate total cost

REVISIONS TO SRS DOCUMENT:

- Added description of system to purpose section, 1.1
 - The primary purpose of the C.A.R.E.S. System is to provide a robust and reliable software solution for managing patient information and emergency room operational flow in a streamlined and efficient manner. It facilitates the prompt and accurate check-in, assessment, treatment, and billing of patients within emergency departments, bolstering the overall quality of emergency care. The C.A.R.E.S. System aims to empower healthcare professionals with real-time access to critical patient data, enhance the coordination of care, and expedite the delivery of medical services, thereby improving patient outcomes and operational efficiency in high-pressure emergency room environments.
- Added edits to details about database use in Section 2.1 (additional changes to wording further in document relating to database Sections 2.4)
 - The database for the CARES System will be utilizing a hashtable, which is a simple key/value data structure in which Patient information can be stored and assigned a key. Whole patient's info can be inserted, edited, or removed at any time. There will be a Database class that creates a hashtable for each of the following groups of information: LoginInformation, People, Patients, SeenPatients, AdmittedPatients. Having a smaller database for each group makes the system easier to transfer data to one another once a specific interaction between the doctor/nurse and person happens. In terms of keys for searching purposes, they will be a concatenation of the patient's full name and the eight digits of their birthday (MM/DD/YYYY).

Assignments for the next week and member assigned:

- (Aden) - (TAKE A BREATHER) Keep playing around with graphics for each window and touch-up user interface
- (Sandro) - finish use case for CompletePatientAdmission and RunLabs, and finish scenario, make complete document of use cases and scenarios
 - Idea to use hash tables for the information stored and hard-codes a binary file of updated info
- (Fatima) - Research of treatments for each of the five diagnoses (medications and physical therapy)

Agreed Due Dates within Scope of Deliverable

February 14th - Use Case Diagrams and Scenarios finished

February 16th - Hard Deadline for Deliverable #2 Group Work (documents shared)

Deliverable Two Agenda

1. Create combined use case document with scenarios
2. Research more on Hashtable work, and start exemplifying class structure to implement on each Hashtable
3. Research on treatments and medications
4. Play around with graphics
5. Make sure github is updated with every new document