

COMP 2606 – Software Engineering 1

Project

Group # - 11

Group Members: Antonio Khan (816015626)

Kris-Ann Modeste (816017443)

Orrin Joseph (811001486)

Project Name: Digital Immunization Card

User Stories

User Story 1

Adding a new immunization shot to patients record

As a user, I want to add an immunization shot to a person's immunization record so they would have proof that they received the shot.

A doctor after giving an immunization shot to a patient wishes to add the receiving of the shot to the patient's records. Displayed on the computer screen is the patient's immunization record. The doctor selects the option to add a new immunization shot.

The doctor is now directed to a screen which allows him/her to select from a list, the name of the vaccine which was given (MMR, Yellow Fever, Rubella, etc).

The screen now displays a form which the doctor fills out with the batch number of the vaccine and the doctor is also prompted by a drop down list to select the health facility in which the shot was administered.

When the doctor has finished he/she clicks "Finish Adding" and the system automatically adds the doctor's name, the current date and other relevant data to the record. The screen now displays the page with the newly updated patient's record, which shows the vaccine that was just added.

Tasks for adding a new immunization shot to patients record.

1. Selecting name of vaccine.
2. Adding a batch number of the vaccine.
3. Adding the doctor's name to the records.
4. Adding the date to the records.
5. Removing the vaccine from stock.

User Story 2

Adding a new record to the database

As a user, I want to add a new person's record to the database.

A mother of a new born baby wishes to create a new record for her child. The mother is currently on the homepage of the app, where she selects the option “Add a New Person”. The mother is directed to a new page which shows a form where she is prompted to enter personal information on the child such as name, age, D.O.B., address, sex, birth certificate number, etc.

After entering the child’s information she proceeds by clicking on the next button which directs her to a new page which prompts her to add a scanned copy or photo of the child’s birth certificate. She clicks the upload button and selects the copy of the birth paper from the location it is stored on the phone. After uploading the copy of the birth certificate she clicks on the “Finish” button. A message is displayed on the screen which tells her she would be sent an alert when the birth certificate is verified.

The mother is sent an alert on her phone informing her that the child’s information was verified and a profile was created for the child. The mother returns to the app where she can now see the child’s profile on the app, with a validated icon which identifies that the user account for the child is approved.

Tasks for adding a new record to the database.

1. Adding personal information.
2. Uploading of credentials to be verified.
3. Verification of credentials.

User Story 3

Locating health clinics that have required vaccines in stock

A user wishes to be vaccinated and wants to know nearby locations where they can receive the vaccine.

John has recently turned 21 and is alerted by his friends that he should receive his tetanus booster shots as one should get them every 10 years. He opens the immunization app then clicks the “Clinics Near Me” option. He is directed to a new page which has a list of various vaccines in alphabetical order.

John then selects the vaccine he is searching for. He is redirected to a screen that lists all health clinics that have the requested vaccine in stock in order of the ones nearest to his location first.

Tasks for locating health clinics that have required vaccines in stock

1. Clinics must be in order from the closest to furthest from the user’s location.
2. Selecting the vaccine name.
3. Obtaining the user’s location.