

COVID SELF CARE APPLICATION

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Objective:

To help users self-evaluate their Covid symptoms in the absence of a medical practitioner and to keep track of their health status updated.

Software Requirements:

- Java IDE

Process Involved:

- Creating User Login
- Creation of Database for storing user data
- Creation of Database for storing results and tracking of Health Data.

Working Procedure:

- New Users will register and create login
- Using the login details, one can access their personal information, which can be updated in future.
- The user can see their dashboard to view information.
- If user have symptoms developed for Covid they can opt for Self-assessment which is the main feature of our project.
- User needs to fill the set of questionnaires. Based on answers, the algorithm will decide best course action and advise.
- If the infection severity is found higher, user will be notified about to seek medical attention.
- If the infection severity is found lower, user will be advised to quarantine and other appropriate action.
- User can keep track of their quarantine period with the login credentials.

Challenges:

- Creating login window and protecting the database.

Process Flowchart:

