

Project Concept Document

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Project Title	<i>Automated Verification Of Web Applications Using Selenium</i>
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Description

This project is related to automation of the Web Application Verification. Specifically for OnwardHealth, a Post-Surgery digital companion for a patient, we would be working towards automating verification of most of the web interfaces supported by the platform. That is, whenever a new feature is being deployed into the production, we can check its working and the integrity of the web application by running an automation script.

Advantages of automation:

- It allows one to deploy new features rapidly into production by checking the working of the new features along with existing features.
- It also helps to maintain the application quality with minimal human resources.

Profile Of Users

OnwardHealth App helps patients achieve higher compliance to post-surgery treatment schedule.

- Super Admin: Super Admin is responsible for adding new hospitals into the list of hospitals of OnwardHealth. When a hospital is added, a hospital admin is also assigned to the hospital. The Super Admin can also appoint call center staff.
- Hospital Admin: The Hospital Admin can add Staff(Doctors, Hospital CMS, Doctor Assistants) and Patients of the corresponding hospital. He can also send videos, articles and send messages to the patients. He/She can get notifications(messages, appointments, notes) from the staff and patients.
- Call Center Staff: The call center staff have the details of all the patients such as doctor

name, surgery type, discharge date, hospital name, activity of the patient and medication.

- Hospital CMS: The hospital CMS can send articles to patients. He/She can also send and view messages from patients and doctors.
- Doctors: Doctors would be able to monitor their patients progress after surgery. Each doctor has a list of his/her patients and can give advices to patients. A doctor can also read messages from his/her patients. He/She can choose an Assistant Doctor(s).
- Assistant Doctors: Assistant Doctors will have a list of doctors under whom they are working and also a list of patients of the corresponding superior doctors. He/she will be able to view and send messages to the doctors and the patients.

Usage Model and Diagrams

