

# Smart Gujarat For New India Hackathon 2019-20

---

## Official Mail:

<https://bit.ly/3bGTb4R>

## Team ID

SGH002223

## Team Guide

Dr. Mayur Vegad

## Team Members

- Janardan Pethani
- Kaushal Mistry
- Jainil Panchal
- Marvin Raval
- Parth Narodia
- Bhavesh Verma
- Darshan Tank

Github Repository (Solution + Screenshots):

<https://github.com/jainilpanchal2000/BooksHelp>

## Problem ID

SGH074

## Problem Statement

Digital platform for book sharing

## Name of Industry / Organization Government

Polytechnic, Palanpur

## Type Of Industry / Organization

Government Department

## Challenge Description with Context

It is required to develop a platform where allumanies and senior faculties can donate their unused books or stationary

materials for newly entered students to the institutes. The platform should be capable of showing data of books and its photos. The platform should be capable of showing data of book donor and book donee. It should be able to reduce the communication gap between senior students and junior students.

#### **What Exact Problem is being Solved?**

1. unused books of senior students and faculties can be shared to the needed community.
2. unused stationery of senior students and faculties can be shared to needed community
3. unused personal daily used things of senior students and faculties can be shared to needed community
4. It should be able to reduce the communication gap between senior students and junior students.

#### **Users**

Institute's junior students, alumni, faculties, and senior students will be the users who get benefits.

#### **Expected Outcomes**

platform should be maintenance free. It should be limited to only institute's members. platform should be able to provide a platform where unknown book donors and recipients can meet and can share books and material with each other. It will be able to reduce the communication gap between senior students and junior students. Unused books of senior students and faculties will be shared to the needed community.

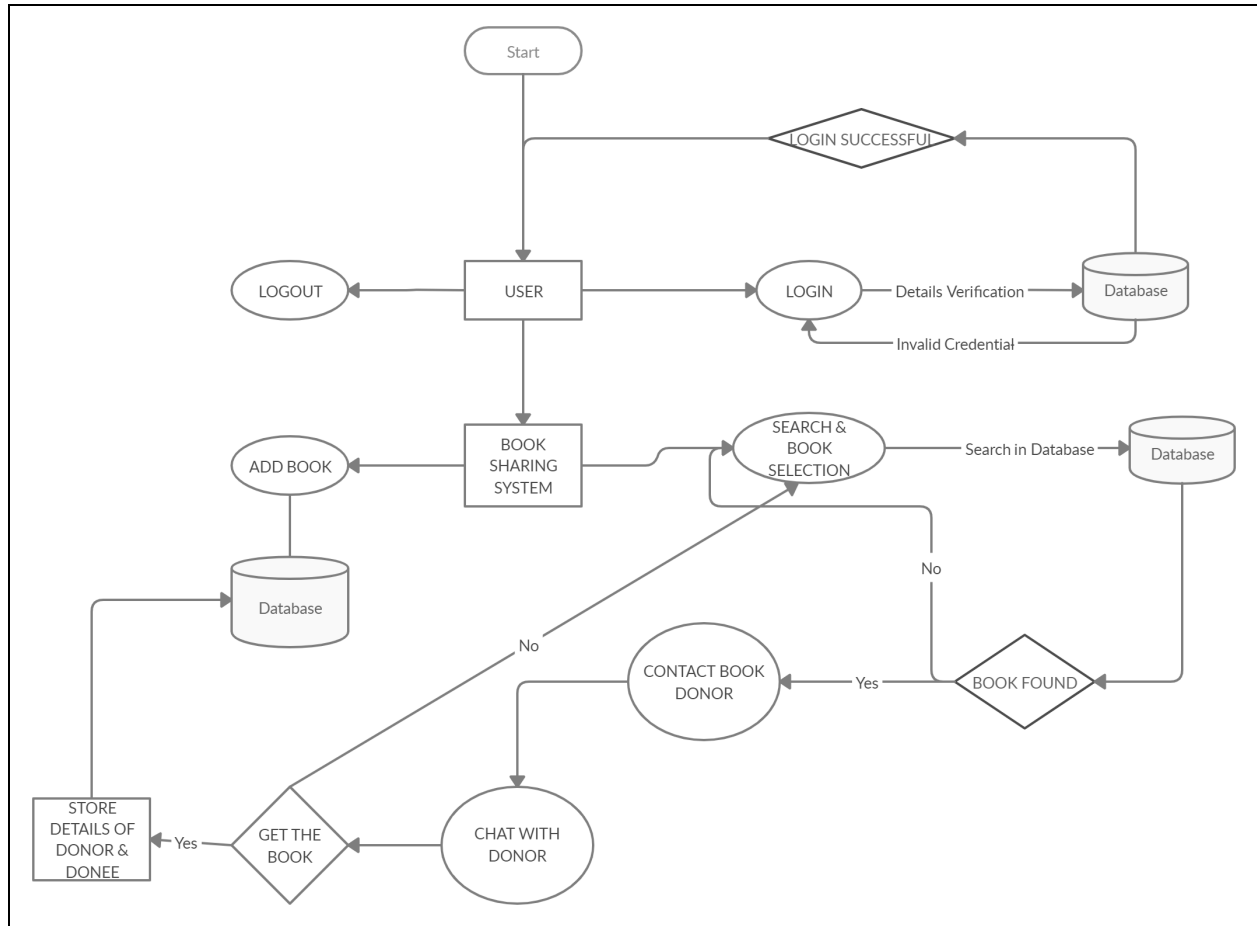
#### **Potential Impact**

With this platform unused printed materials and stationery can be passed on to the upcoming students who come from weaker economic backgrounds. It also creates a nature of donation for a student's heart and a wide community of students can come closer to each other through this platform. This digital platform will be able to reduce the communication gap between senior students and junior students. Proper distribution of old resources will happen.

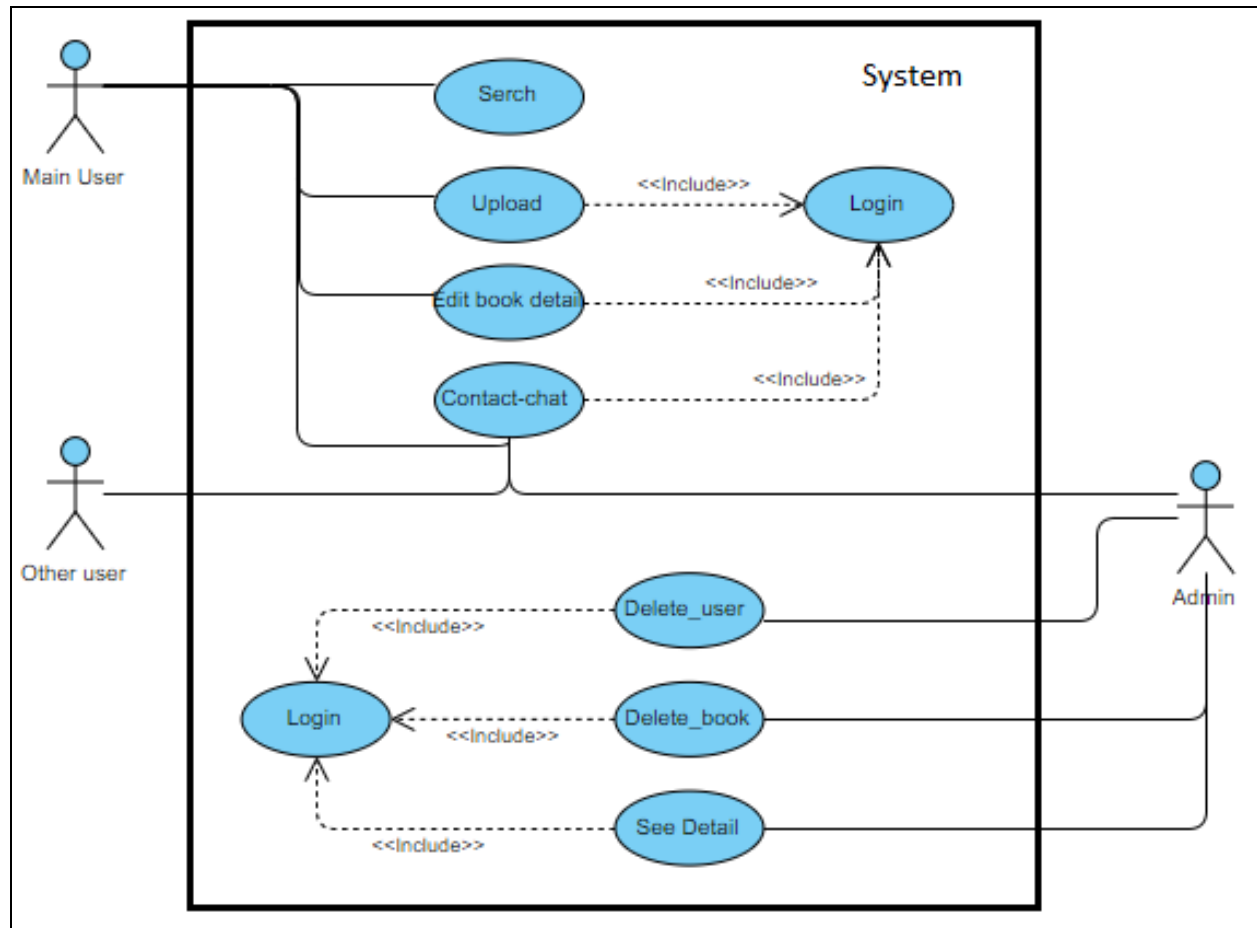
#### **Probable Discipline**

Computer/IT

# Workflow Diagram

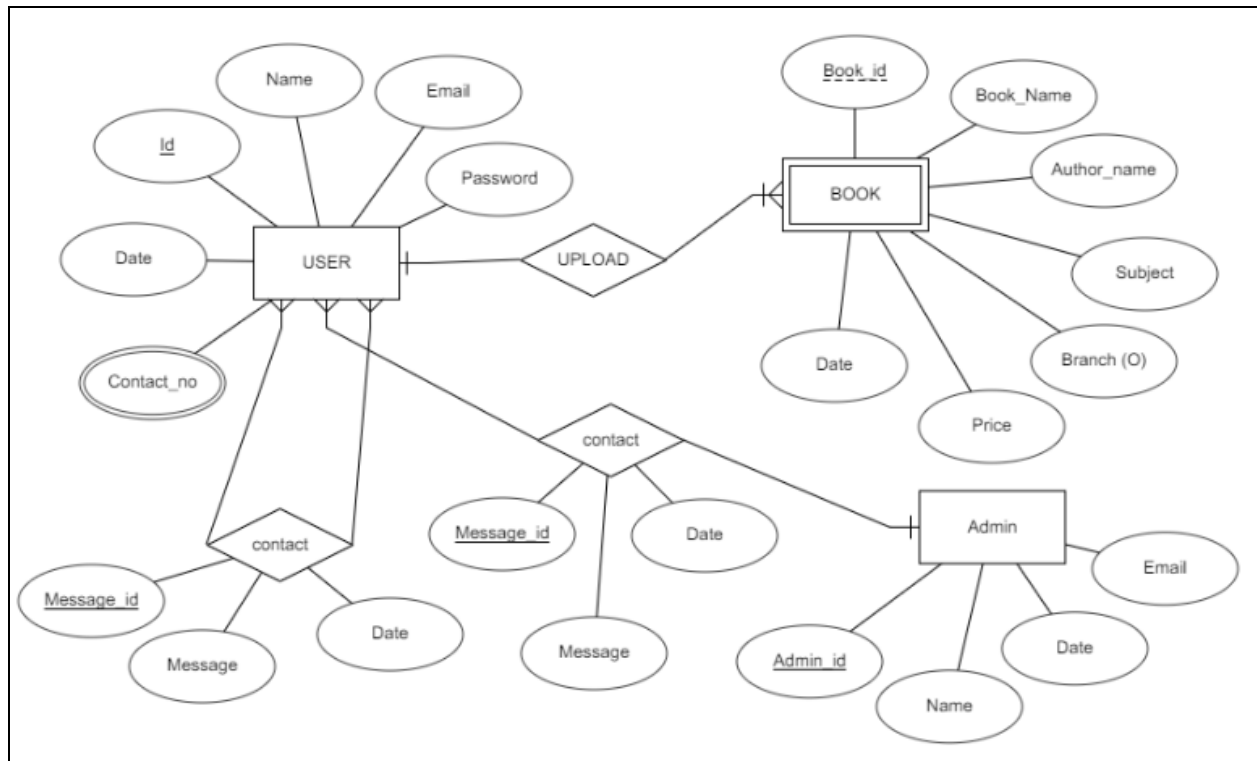


## Use Case Diagram



## Entity Relationship Diagram

---



## Web Stack

