



Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY, THANE
(All Programs Accredited by NBA)

Department of Information Technology



Janasevakam

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Project Guide and Co-guide
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Introduction

Problem Identified :

- **Lack of Awareness.**
- **Lack of Dedicated Leadership.**
- **Inadequate Trained Personnel.**
- **Monopolization of Leadership.**
- **Lack of Public Participation.**
- **Lack of Coordination.**
- **Lack of Volunteerism/Social Work among Youth.**

Solution Proposed :

- **Building a website cum installable progressive web app where society helping organization can collaborate with efficiency.**
- **Also make it easier for organization's like APSITNSS, APSIT-Lakshya to collaborate with other organization's.**

OBJECTIVES

- **To implement backend using NoSQL.**
- **Implementing task recommendation using TensorFlow.**
- **Connecting people who can help to people who need help.**
- **Streamlining the process of serving society.**
- **Increase the outreach of NGO's and help in making their work easier.**
- **Create a more kind and aware society.**
- **To implement frontend for our web-app using React.js and Bootstrap.**

Problem Definition

- **To design and develop progressive web-app which serves as a common platform of communication between NGO's across country and connecting people to several social organization's who are willing to make society a better place to live.**

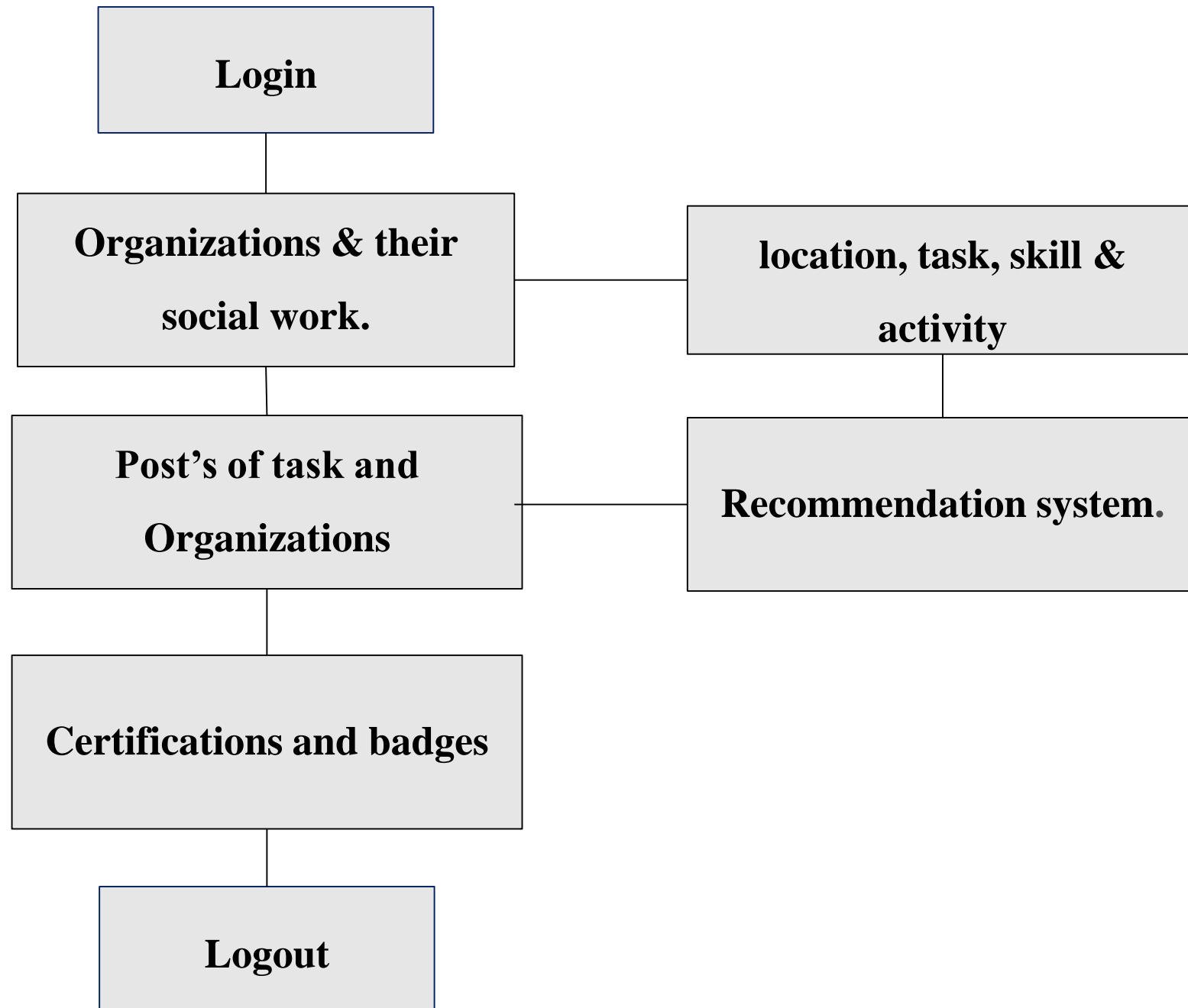
Technology Stack

- **React – React is a JavaScript library for building user interfaces . In our project we are trying to used React to implement UI. React also allows us to create reusable UI components. It is used to develop SPA.**
- **Bootstrap – Bootstrap is a free front-end CSS framework for faster and easier web development. In our project it give us the ability to easily create responsive designs.**
- **NoSQL - A NoSQL database provides a mechanism for storage and retrieval of data that is modeled in means other than the tabular relations used in relational databases.**
- **TensorFlow - To implement social work recommendation system in TensorFlow.**

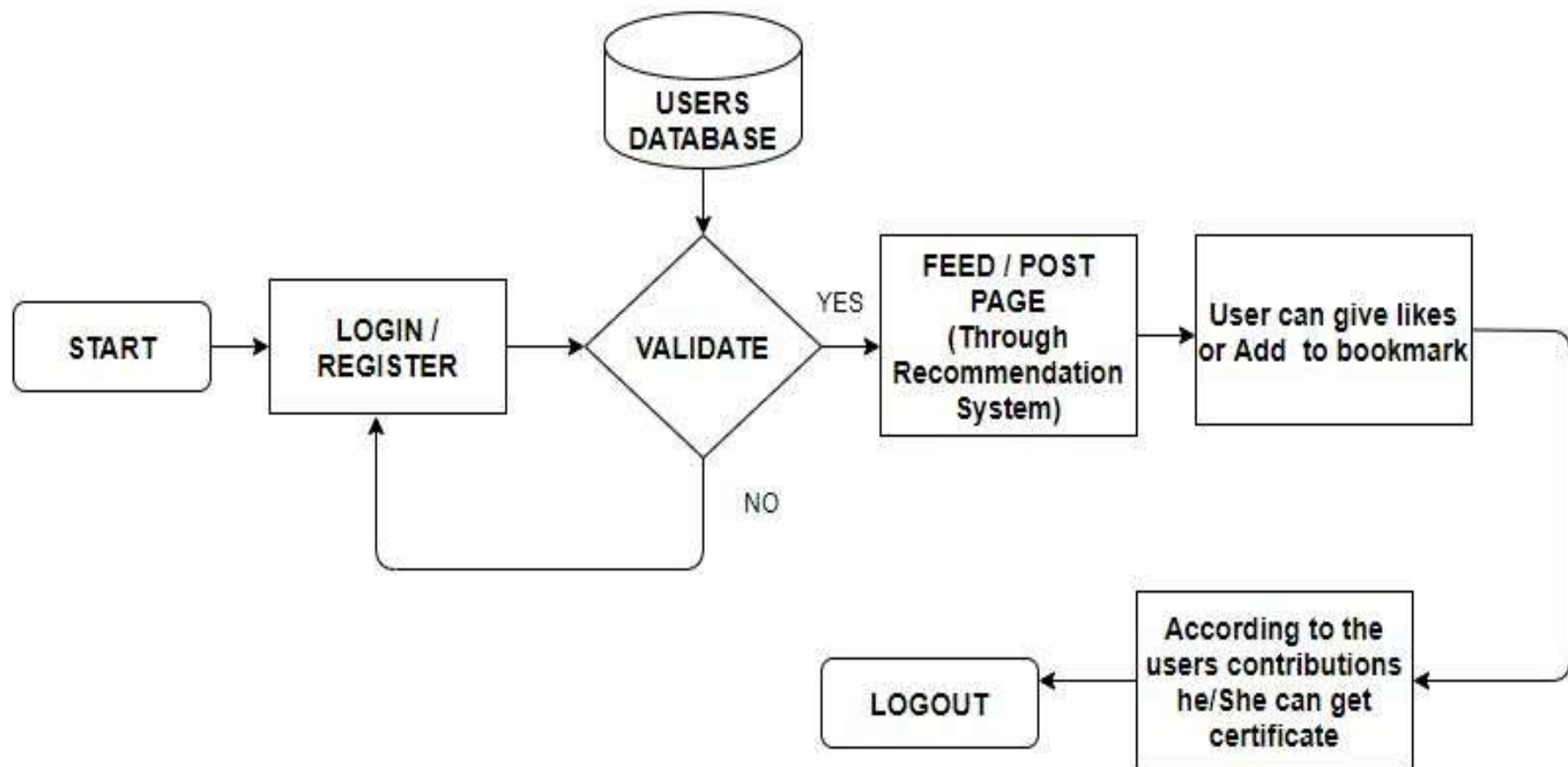
Review Suggestions

- **Implementing machine learning algorithm that will recommend registered users about upcoming NGO task ,events etc.**

Proposed System Architecture/Working



Users End Block Diagram



Prototype Design Demonstration

- In progress....
- <https://jansevakam.netlify.app/>

Implementation Status

- **Designing and Implementing Express Server(Objective 1)**

Status of Paper Draft & Targeted Conference

- **Targeted Conferences :**

- 3rd International Conference On Emerging Technologies In Data Mining And Information Security

More Details : <http://iemschoolofit.in/iemis/#Reg>

- 5th International Conference on Intelligent Sustainable Systems (ICISS 2022).

More Details : <http://icoiss.com/2022/index.html>

- 2nd International Conference on Ubiquitous Computing and Intelligent Information Systems.

More Details : <http://icuis.in/2022/>

Thank You...!!