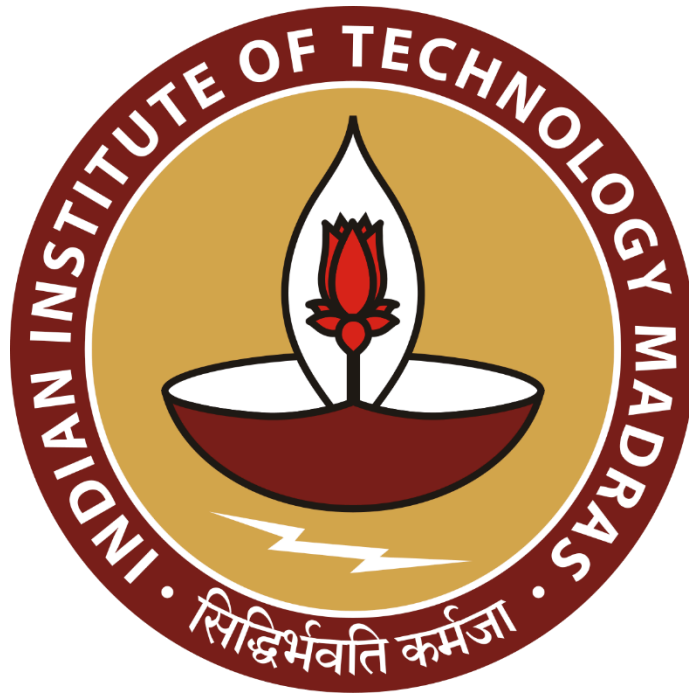# HOUSEHOLD SERVICES

MAD 1 Project Report

Submitted by

Name: Vikas Jaiswal

Roll number: 21f1006140@ds.study.iitm.ac.in

IITM Online BS Degree Program,

Indian Institute of Technology, Madras, Chennai

Tamil Nadu, India, 600036

Table of Contents

Introduction

The Household Services App is designed to connect customers with professional service providers. Users can create service requests, and professionals can manage and respond to these requests. This app aims to streamline the process of finding and offering household services.

Technologies Used

- **Backend:** Flask, SQLAlchemy
- **Frontend:** HTML, CSS, Bootstrap
- **Database:** SQLite
- **Libraries:** Flask-WTF for form handling, Jinja2 for templating

Installation

1. Clone the repository:
   - `git clone https://github.com/jaiswalvik/household_services_app.git`
   - `cd household_services_app`
2. Create a virtual environment:
   - `python -m venv venv`
   - `source venv/bin/activate` (On Windows use `venv\Scripts\activate`)
3. Install the required packages:
   - `pip install -r requirements.txt`
4. Run the application:
   - `flask run`

Design docs

1. ER Diagram: docs/ERDiagram.pdf
2. API docs link: http://127.0.0.1:5000/apidocs/

Usage

1. Project presentation: docs/presentation.mkv