Parshvanath Charitable Trust's
A. P. SHAH INSTITUTE OF TECHNOLOGY
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)
(Religious Jain Minority)

Intelligent Warehouse Management System

Group No. 2

Amit Prajapati (15104014)
Amisha Karia (15104008)
Dhruv Patel (15104026)
Lavina Budhwani (16204019)

Project Guide : Prof. Rujata Chaudhari & Mr. Vinayak Narkar
and
Coguide: Prof.Nahid Shaikh

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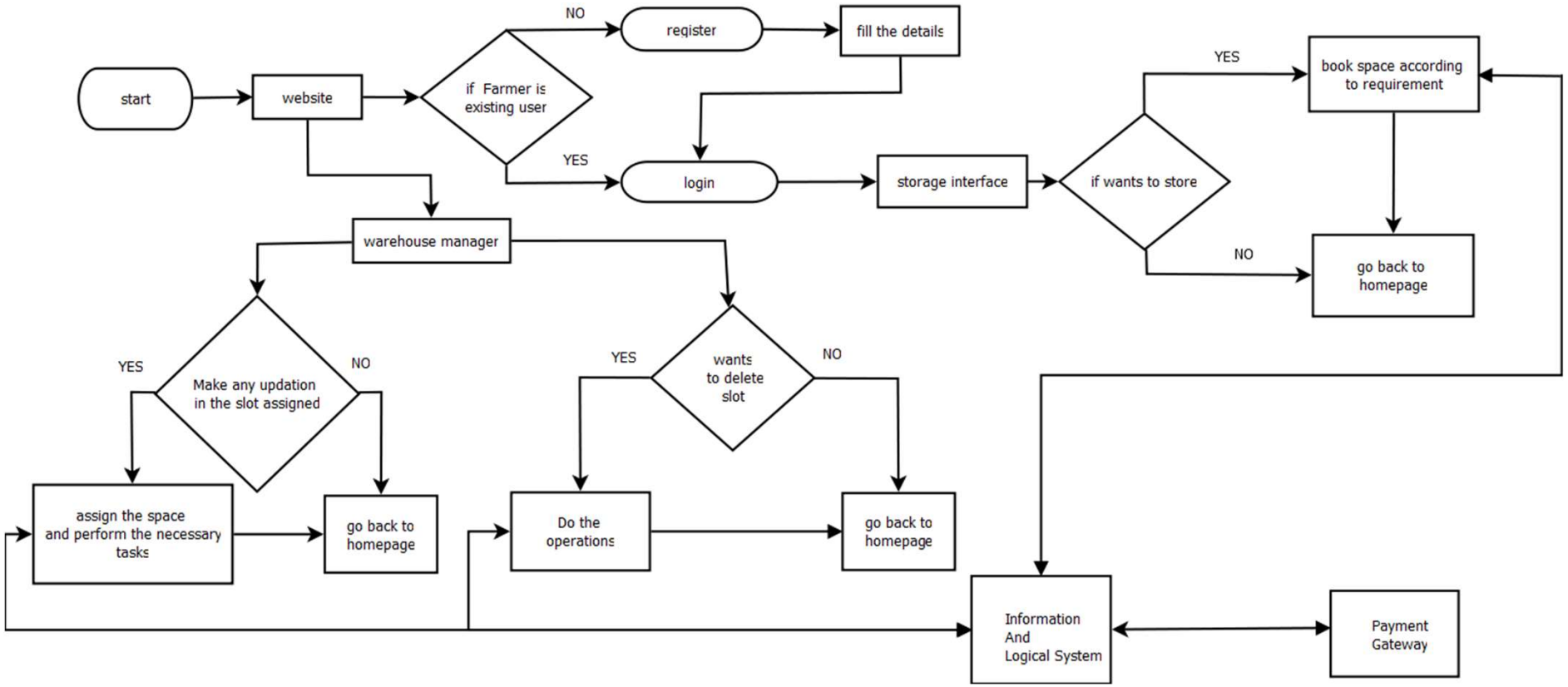
Introduction

It is a web based application that will allow the farmers to store their crops in a warehouse. Using our system they can book space for their goods which can save both time and money of a farmers. Farmers can check availability of space and can directly approach to the nearest warehouse for storage.Our system will also help the farmers to take decision about which warehouse he should select based on the passed data analysis and geographical location using Machine Learning.

Abstract

The basic idea behind our project is to give an online web based application and a web site to the farmers so that he can get the storage space faster without much wasting of time, money and efforts. Our system will also give a notification to the farmer regarding the expiry of stored goods in particular warehouse according to their lifespan. Our system will be a multilingual for understanding of farmers.

Proposed System



Technology Stack

Frontend	BootStrap(Css FrameWork) JavaScript Library & FrameWorks
Backend	PHP Framework. Python Framework, Ruby on Rails and Nodejs
Server	Apache(LAMP, XAMPP) Nginx
Database	MySQL, MongoDB, PostgreSQL Rethink(Real Time Database)

Dependencies

- Payment Gateway Integration
- Weather API
- Location service API

Project Planning

- Research
- Documentation
- UI designing
- Database Architecture designing
- Coding
- Integration of different modules
- Testing

Thank you