Tech Saksham
Final Project Report
Track Name

"Project Name"

"College Name"

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ABSTRACT

Outpass is a permission that is given to students to go out of hostel mainly in institutions.Currently many hostels are following manual work i.e.,Students need to visit the warden/care taker by office by in person.Our Project is to reduce that manual work and paper usage by providing an online environment where students can apply for outpass and wardens and care takers can also easily accept or reject student outpass through this portal .The outpasses history will be stored in database.So,the institute can check that details when they required.

INDEX

CHAPTER 1

INTRODUCTION

1.1 Overview

The out pass management system for reduce the hassle the students have to go through while asking permission from the warden before leaving the college. It reduces the wastage of time.

1.2 Feature

The main aim is Student can submit their leave request through online .

Admin can know which problem and where and they can know everything about website.

1.3 Advantages

User friendly application can be easily designed.

Centralized management.

Easy access.

Developer friendly.

Cost effective.

1.4Scope

To reduce the manual effort.

To avoid human errors.

1.5Future Work

It allows the students can easily apply for the outpass from the wardens by using this web application.

CHAPTER 2

SERVICES AND TOOLS REQUIRED

2.1 Tools and Softwares used

Frontend: HTML,CSS AND JAVASCRIPT

Backend: Nodejs and MongoDB

2.2.1 HTML

HTML stands for Hyper Text Markup Language.It is for web pages.The elements are the blocks of the HTML Markup.The elements consist of Start,end tags and also content between them.

2.2.2 CSS

CSS stands for Cascading Style Sheets.It is used for styling and laying out pages.

2.2.3 JavaScript

JavaScript is a Scripting language that enables to you create dynamically updating content,control multimedia,animate images and pretty much everything else.

2.2.4 Nodejs

Node.js is an open source,cross platform JavaScript runtime environment and library for running web applications outside the clients browser.

2.2.5 MongoDB

It is a document database used to build highly available and scalable internet applications.

CHAPTER 3

PROJECT ARCHITECTURE

3.1 Architecture

USER   FRONTEND   BACKEND
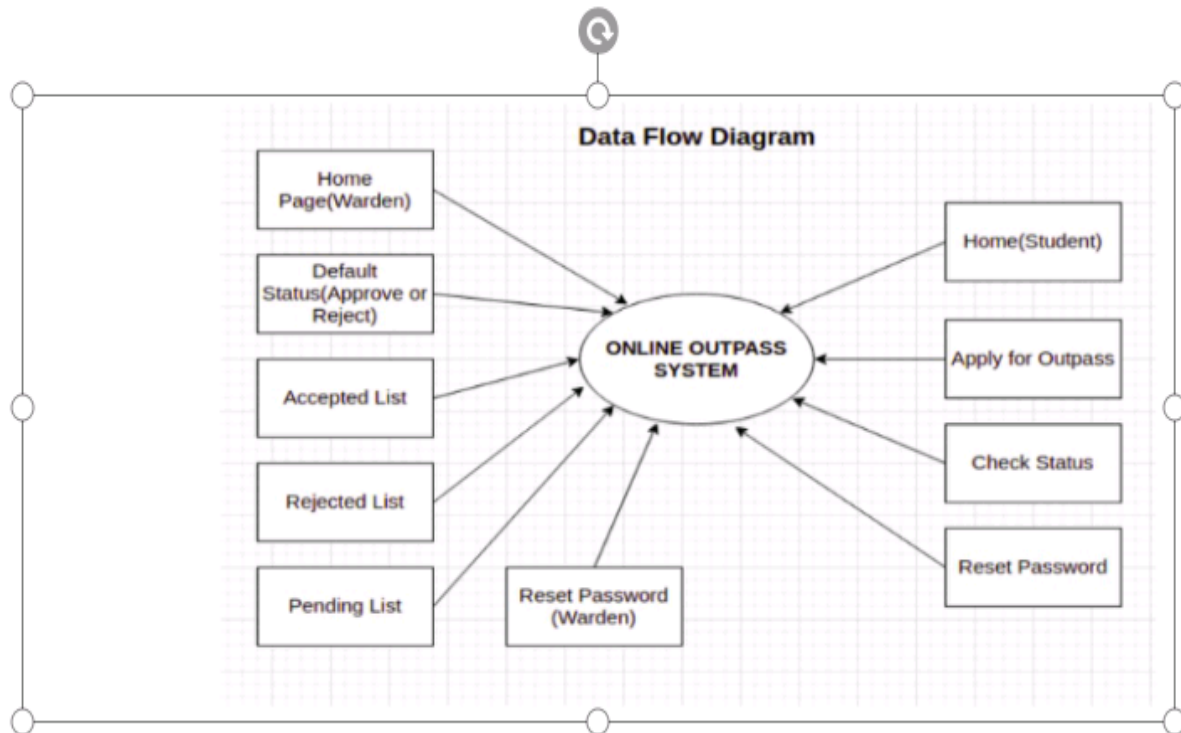
HTML 5   NODEJS 14.0

Database

Cloudant

CHAPTER 4

ARCHITECTURE BLOCKS DETAIL WORKING

4.1 Blocks

Data Flow Diagram

Home Page(Warden) → ONLINE OUTPASS SYSTEM

Default Status(Approve or Reject) → ONLINE OUTPASS SYSTEM

Accepted List → ONLINE OUTPASS SYSTEM

Rejected List → ONLINE OUTPASS SYSTEM

Pending List → ONLINE OUTPASS SYSTEM

Reset Password (Warden) → ONLINE OUTPASS SYSTEM

Home(Student) → ONLINE OUTPASS SYSTEM

Apply for Outpass → ONLINE OUTPASS SYSTEM

Check Status → ONLINE OUTPASS SYSTEM

Reset Password → ONLINE OUTPASS SYSTEM

CHAPTER 5

PROJECT BUDGET

This Project is build by taking reference from different websites and with help of the trainer .

No External resourced were bought to complete the project.

CONCLUSION

This Online Outpass Management System in NodeJs MongoDB Project is primarily concerned with keeping track of student outpass activities.The project is make to complete,fully working web based outpass system for students in a hostel.System to improve students everyday outpass management and to increase working efficiency.

REFERENCES

Online outpass management project in django with outpass management.

https://google.com

CODE

Please Provide Code through Git Hub Repo Link