REQUIREMENT GATHERING FOR SKILL TRAINING PORTAL

STUDENT DETAILS:

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PROJECT ID	37
PROBLEM STATEMENT	SKILL TRAINING PORTAL

PROJECT DETAILS:

STATEMENT:

To develp a Web App that works in the registration of the skill choice of Day skill and Night skill (which needs to be verified with previous semester skills). Features like Attendance monitoring and Mark submission needs to be added. Feedbacks should be collected from students after the end of the skills.

STACK DETAILS:

The stack used in this project is SPRING BOOT(Java) stack.This stack is based on both javascript and java technologies for front end with reactjs and back end with spring boot (java)

The three key technologies that used is the stack are:

- Reactjs--->for front end
- Spring Boot java--->for back end
- Mysql--->Database
- Rest ful api-→for API

PROJECT FLOW:

PURPOSE:

The Purpose of the project is to develop an web application that can accessed by admin(skill team),faculty and students .the main purpose is to collect collect the data of the students favourite skill the top 10 will be selected and issued to students for choosing night skill ,Day skill will be choosed by admin (skill team),And having features like attendance marking ,mark and end of the day feedback.

DEPENDENCIES:

The dependencies that be should installed for this project are follows:

Reactjs	This will install the modules, folders and files rquired for the project.
CSS	To style the Web application.
React Router DOM	Router allows to create the multiple pages .
Google Oauth	To allow google authentication
Mysql	This allows to connect the Database and server
Spring boot(java)	For backend for this project which is very safe

USERS:

ADMIN:

Admin (skill team) who can alot faculty to the skills and have ability to choose Day skill for the departmnets and alot Nightskill to the students(night skill choosen by student itself)

FACULTY:

Faculty's have the ability to mark attendance and give mark to the respective students

STUDENTS:

Student's have an abilty to choose their night skill (can't choose dayskill becausedayskill can choosen by admin(skill team)only) and ability to see their attendance and their marks

FEATURES:

- Login wih google login features
- Separate dashboard for admin,faculty and student
- With profile page of the admin,faculty and student

FLOWCHART: