

WISE Automation

Team members

- K. Susritha - 17WH1A0554
- A.G. Pooja Manas - 17WH1A0537
- S. Pooja sai sree - 17WH1A0549
- P. Keerthi - 17WH1A0561
- V. Reshma Reddy - 17WH1A0588
- Likhitha - 17WH1A0210
- Namratha Reddy
- Vineesha

Purpose

The purpose of this application is to provide a common platform for users (Students, Trainers, College management, TS management) to access students performance.

Users

The users of WISE are :

- Admin
- Students
- Trainers
- College management
- TS management

Functionalities

- google authentication
- Mailing list
- Web checkin for attendance
- Discussion forum

Admin

An admin adds details of students and trainers manually or through CSV file format.

Students

- Can viewmark their attendance.
- Schedules can be checked.
- Can upload or view projects done by them.
- Check out their progress in different modules
- Post their queries in discussion forum.

Trainers

- Upload checklist
- Check attendance
- Can check student's performance in scoremore regarding each module.
- Can view overall students performance on basis of branch.
- Have access to discussion forum to clarify doubts.
- View projects of students worked under them.

- Schedule of each batch can be viewed.

College management

- Can access only their college details.
- Can view how many students graduated and their placement details.
- Will be able to see how many students are promoted to the next module and their performance.
- Able to download students performance.

TS management

- Can access all college details.
- Can view how many students graduated and their placement details.
- Can see how many students are promoted to the next module and their performance.
- Able to download students performance.
- Search for a student or a trainer.

Technology stack

- Angular CLI
- Java
- Hibernate
- MySQL

Challenges

- **google authentication**

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