

DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

**PROJECT PROPOSAL**

# 1. Project Title: -



**2. Project Scope: -**

The purpose of this project is to reduce the precious time of Teachers as they waste much time searching for the period or making several call to their own peers for the availability of free period by just calling them for requesting the period replacement ,With this project our team members gathered all the issues faced by the teachers by creating a website that manages the free period and schedule the replacement for the particular period by just selecting the day and requesting for the free period with just a click , which further will be a protected website as the user has to login through their own Google id and password .The design and development of this project helps in providing a more secure approach in managing the customer’s information which strengthens the bond between the User and the Website.

This Project is based on Machine Learning as it uses TensorFlow and Next js libraries which are used for ML and AI.

Project Scope is as follow’s

* It displays the list of the available teachers who are having free period.
* It manages the replacement of the teachers which reduces time of the teacher.
* It also provides a suggestion about teachers having frequent free period
* The website is completely dynamic where the user send request to admin
* For additional information if any user wants to replace the faculties period they can select and Mail will be sent to the faculty about the replacement

**3. Requirements:-**

**SOFTWARE REQUIREMENTS**

* Vs Code
* Google Chrome

**FRAMEWORK AND LIBRARIES REQUIRED**

* Next js
* tailwind css
* next-auth
* React.js
* Firebase
* recoil

## 4. Student Details

|  |  |  |
| --- | --- | --- |
| **Name** | **UID** | **Signature** |
| Anuj Kumar Singh | 20BCS6544 |  |
| Gavin Reji Thoppil | 20BCS6559 |  |
| Ishita Choudhary | 20BCS6548 |  |
| Lakshay Tanwar | 20BCS6540 |  |

**5. Approval and Authority to proceed**

We approve the project as described above, and authorize the team to proceed.

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| --- | --- | --- |
| **Name** | **Title** | **Signature (with Date)** |
|  | Supervisor |  |