**Software Bid/ Project Teams**

**UCS 503- Software Engineering Lab**

Group ID: 3CO30 Dated: ... /... /2024

**Team Name: BetterMehta**

**Team ID(will be assigned by Instructor):**

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| --- | --- | --- | --- | --- |
| Name | Roll No | Project Experience | Programming Language used | Signature |
| Yuvika Sardana | 102203800 | Adventure Retreat- A full-stack project enabling users to add, view, and rate camping sites | Node.Js  Mongo DB  Express.Js |  |
| Aayush Singh | 102203817 | Angular ERP- A single page ERP website which tracks the data of employees of a firm | Angular JS  TypeScript  MySQL  Express.Js |  |
| Pancham Agarwal | 102203832 | Thapar NightPass,  Thapar Hostel Management ,  Group Wallets,  Summer Internship at Genpact India. | Python, Java, Javascript, Node, PostgreSQL, Docker, Nginx |  |
| Kuhu Mishra | 102213020 | Frontend project on React, Netflix Clone | Javascript, React |  |

**Programming Language / Environment Experience**

1. Python (Django REST, Flask)
2. Javascript (Express, React)
3. Java (General Use, Springboot)
4. C++
5. Go

**Choices of Projects:**

|  |  |
| --- | --- |
| **First Choice** | BetterMehta: Streamline print shops by developing a web app that lets students send documents directly to vendors' printers, pay for prints, and collect them. It includes a React frontend, Python/Go backend, PostgreSQL + Cloudinary for storage, and C++ for managing multiple printers, reducing wait times and automating processes. |
| **Second Choice** | CyberGaurd: An ed-tech game which focuses on topic revolving around Cyber-Security. Provides a story based interactive platform for kids and young adults to learn concepts of Cyber Security |
| **Third Choice** | Nightpass: The web app enhances security and access for over 7,000 Thapar students during curfew hours. It features roles for Students, Admins, and Hostel Wardens, with an admin panel for adjusting monitoring parameters and oversight. Wardens receive real-time alerts and track student activities based on multiple factors |

**Additional Remarks/ Inputs**

We are really excited to work on our idea **BetterMehta** as it aims to significantly reduce wait times from **20mins in rush hours to <3mins**. It also ensures a smooth flow of events and guarantees the vendor receives all payments on time.

Our team comes with prior experience of implementing live projects on a large scale and we aim to host and make it operational during our time in this course.

Some previous live projects:

* permissions.thapar.edu
* merch.ccstiet.com
* codeboard.ccstiet.com