**Software Engineering**

**Assignment 1 - Project Topic Proposal**

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| Group Number | 8 |

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| Team Member | Member ID |
| Kishan Kumar Zalavadia | 11685261 |
| Ajay Jatprol | 11689329 |
| Gowtham Sai Lendhra Narayanam | 11709752 |
| Pavanipriya Vuppalapati | 11661784 |
| Mohammed Shakeel | 11701737 |

**PROJECT – 1**

**Name of the project:** Student Trading Connection

**Title:** A Student-to-Student trading website

**Project Description:**

This application is FOR students (like for UNT Students) WHO can trade products with each other. ‘Student Trading Connection’ is a Software as a Service THAT provides a platform where students can trade used products. OUR PRODUCT is specific to students and has different features which will help the user to sort the products based on price, location, how old is the product and can request for viewing the product before buying.

**Development Platform:**

|  |  |
| --- | --- |
| OS Platform | Windows / macOS |
| Hardware for Windows | Processor – Intel Core i5 |
|  | Ram – 8GB |
|  | Storage – 1TB |
|  | Graphics – Integrated Graphics |
| Hardware for macOS | Processor – Apple’s M1/M2 |
|  | RAM – 8GB |
|  | SSD – 256GB |
|  | GPU – Integrated GPU |

**Software Environment:**

|  |  |
| --- | --- |
| Framework | React / Angular |
| Programming Language | HTML, JavaScript/TypeScript |
| Development Tool | Visual Studio Code |
| Package Management | Node Package Manager (npm) |
| Version Control | Git |

**PROJECT - 2**

**Name of the project:** Student Connect

**Title:** Chat application for International Students

**Project Description:**

This application is FOR international students (like for UNT) WHO can connect with each other to communicate on various issues like accommodation, etc. The ‘Student Connect’ is a Software as a Service THAT provides a chat web application with a very specific topic. UNLIKE Yocket, which lacks systematic arrangement. OUR PRODUCT which is a student specific web app, offers filters for users to specify their areas of interest.

**Development Platform:**

|  |  |
| --- | --- |
| OS Platform | Windows / macOS |
| Hardware for Windows | Processor – Intel Core i5 |
|  | Ram – 8GB |
|  | Storage – 1TB |
|  | Graphics – Integrated Graphics |
| Hardware for macOS | Processor – Apple’s M1/M2 |
|  | RAM – 8GB |
|  | SSD – 256GB |
|  | GPU – Integrated GPU |

**Software Environment:**

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| --- | --- |
| Framework | React / Angular |
| Programming Language | HTML, JavaScript/TypeScript |
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