# C240 FA Proposal

***Remove*** *all boilerplate and examples in green, including* ***this*** *text* ***before*** *submission.*

*Save this document in the following format before uploading.* ***C240 FA Proposal – Team Name.docx***

*Submission Deadline:* ***June 5, Thursday, 23:59 (End of Week 7)****:* [*Submit using* ***this*** *link*](https://forms.cloud.microsoft/r/YHVUYLyBc9)

**Project Title:** StudyMate

**Team Name:** Penguin

**Team Members (Name and Student Number):**

|  |  |  |
| --- | --- | --- |
| **Role** | **Student Name** | **Student #** |
| **Team Captain** | Keshini Kimbery Appadurai | 23009644 |
| **Team member** | Neo Lexuan Danica | 23009872 |
| **Team member** | Lim Pei Xuan | 23010135 |
| **Team member** | Govindaraj Durkadevi | 23001852 |
| **Team member** | Cheng Geok Teng, Adel | 23012428 |

## 1. Problem and Audience

* **Problem Statement**  
  Polytechnic students frequently find it challenging to handle their academic workload, particularly during peak assessment periods. Many experiences burnout, procrastination, and anxiety resulting from poor time management, unclear task breakdowns, and a lack of motivation. Traditional academic support is often unavailable when students need it the most.
* **Target Audience**  
  We target polytechnic students from Year 2 and 3 as it is critical for them to boost their GPA. Specifically, those who need help adjusting to self-directed learning. These users are usually tech-savvy, often on mobile, prefer quick, on-demand support.

## 2. AI Solution

* **Why Use AI?**  
  AI offers immediate, personalized academic support for student, especially during times when human help is unavailable.It delivers guidance in a non-judgmental manner, helps retrieve useful academic materials, and encourages productive study habits.
* **Ethical considerations**
  + No personal data is collected or stored
  + The tool is designed to support, not replace educators.
  + Promote students' mental well-being and academic growth
* **Proposed Tools and Techniques (These may change**   
  List the AI tools or workflows (from the module) you will use. Briefly explain each choice.

|  |  |
| --- | --- |
| **Tool** | **Purpose** |
| **Flowise** | Build the chatbot and create modular flows |
| **Google AI Studio** | Summarise study notes, tips, or rubrics (RAG optional) |
| **Canva** | Visual identity, infographics, and promo content |
| **GitHub CoPilot** | Assist with logic scripting or testing |

## 3. Project Objectives

* **Core Goals**
* Provide instant, accurate answers to study-related queries through Smart Q&A
* Help students manage time effectively using a Pomodoro-based or hourly block study planner
* Support mental well-being with motivational messages and mental health check-ins
* Offer personalized deadline reminders to stay on track
* Ensure an engaging and easy-to-use experience via a chatbot-style interface

**Expected Value/Impact**

* **Improved academic performance through better planning and fast access to relevant information**
* **Reduced stress and burnout by encouraging balanced study habits and mental health awareness**
* **Increased motivation and consistency with reminders, encouraging messages and task tracking**
* **Greater accessibility to learning resources, svaing time spent on searching and intuitive**

## 4. Team Roles and Contribution Plan

Define each member’s area of focus. This plan will guide the assessment of individual contributions.

|  |  |
| --- | --- |
| Name | Planned Contributions |
| Keshini |  |
| Danica |  |
| Pei xuan |  |
| Adele |  |
| Durkadevi |  |

## 5. Endorsement of Proposal and Responsibilities

Each team member must write and sign off on a brief endorsement of the proposed plan and roles. This confirms shared understanding and consent to the work division.

Example format:  
*"I, [Full Name], have reviewed this proposal and agree with the project plan, including my role and responsibilities as stated above. I believe there is a fair and equitable distribution of planned contributions"*

Endorsements should be inserted into the table below and initialled by each member. Team Captains may request scanned initials or digital signatures if needed.

|  |  |
| --- | --- |
| Endorsed By: | Signature: |
| *I, Pei Xuan, have reviewed this proposal and agree with the project plan, including my role and responsibilities as stated above. I believe there is a fair and equitable distribution of planned contributions* | Pei Xuan |
| *I,* Keshini*, have reviewed this proposal and agree with the project plan, including my role and responsibilities as stated above. I believe there is a fair and equitable distribution of planned contributions* | Keshini |
| *I,* Danica*, have reviewed this proposal and agree with the project plan, including my role and responsibilities as stated above. I believe there is a fair and equitable distribution of planned contributions* | Danica |
| *I,* Adele*, have reviewed this proposal and agree with the project plan, including my role and responsibilities as stated above. I believe there is a fair and equitable distribution of planned contributions* | Adele |
| *I,* Durkadevi*, have reviewed this proposal and agree with the project plan, including my role and responsibilities as stated above. I believe there is a fair and equitable distribution of planned contributions* | Durkadevi |

**Flexibility and Change Management**

We recognise that project work can evolve. To support creativity and adaptability, the following changes are permitted within set guidelines:

* **Changes Allowed WITH Lecturer Approval:**  
  You must seek approval before changing:
  1. Problem and Target Audience
  2. Proposed AI Solution and Project Objectives
* **Changes Allowed Without Approval:**
  1. You may change your **planned tools or techniques** at any time.
  2. If using **tools not taught in this module**, lecturer approval is required first.
  3. You may also revise **individual roles and contributions**, provided **the entire team agrees** to the change.
* **Recording Changes:**  
  All major changes must be noted in your **Final Report** and **Presentation Slides**, along with:
  1. A brief explanation of what was changed
  2. The reason/motivation behind the change
  3. (If relevant) Evidence of team agreement

⚠️ Unexplained changes may impact marks for planning, clarity, or collaboration.

**Important Notes:**

* This proposal contributes **10% of your FA grade only**. (team-based).
* Use taught tools where possible. Get lecturer approval for external tools.
* You may reformat this template but **must retain all key sections**.
* Keep your proposal professional, concise (approx. 2–3 pages), and ready for feedback.