Educational Application Development Agreement

1. The Parties

This Agreement is made on **[Date]** by and between:

The Student Developer(s):

- **Name:** Nitesh Singh
- **Contact Email:**22b0919@iitb.ac.in
- **Name:** Kanishk Sharma
- **Contact Email:** 22b1049@iitb.ac.in
- **Name:** Jatin Meena
- **Contact Email:** 23b1519@iitb.ac.in
- **Name:** Arth Agarwal
- **Contact Email:** 23b1507@iitb.ac.in
- **Name:** Aditya Singh
- **Contact Email:** 23b1524@iitb.ac.in

(Hereinafter referred to as the "Student")

AND

The Client:

- **Name / Organization:** Anand Sharma
- **Contact Email:** sharma.anand84@gmail.com

(Hereinafter referred to as the "Client")

This document outlines the terms, timeline, and deliverables for the educational application project for the ET 617 course.

2. Project Overview

- **Project Title:** DebateSphere - The AI-Powered Critical Thinking Incubator
- **Project Description:** DebateSphere is an AI-powered web application designed to help students practice argumentation by debating peers or an advanced AI opponent. It aims to cultivate independent thinkers capable of reasoned, evidence-based argumentation by framing AI as a "discussion partner" rather than an answer engine.

- **Key Goals & Objectives:**
- Improve the ability to construct logically sound and evidence-based arguments.
- Train users to identify and avoid common logical fallacies.
- Enhance skills in civil discourse and persuasive communication.
- Provide a safe, on-demand environment for practicing argumentation skills.

PRD Document:

🅦 DebateSphere_PRD_google.docx

3. Project Timeline & Deliverables

Week	Dates (From/To)	Key Tasks & Milestones	Deliverable(s) for Client Review	Client Feedback Due
1	25 Aug – 31 Aug	Initialize project structure, Git repository, and backend server.		
2	01 Sep – 07 Sep	Finalize user authentication, database schemas, and complete backend foundation	Functional backend with user authentication.	
3	08 Sep – 14 Sep	Begin building the real-time debate arena; integrate Socket.IO on the backend.		
4	15 Sep – 21 Sep	Develop the React UI for the debate and connect it to the real-time server.		

5	22 Sep – 28 Sep	Present the functional, real-time chat application for review. Mid Sem Prototype Presentation	A demonstrable, real-time chat application where two users can communicate instantly.	
6	29 Sep – 05 Oct	Begin implementing the AI Coach; create the backend service and API calls to OpenAI/Gemini		
7	06 Oct – 12 Oct	Develop the front-end "Get Feedback" button and UI to display AI analysis.		
8	13 Oct – 19 Oct	The AI Coach feature is functional and ready for review.	A user can type an argument and receive basic logical fallacy feedback from the AI.	
9	20 Oct – 26 Oct	Develop the UI for the Argument-Mapping Tool and create APIs for data.		
10	27 Oct – 02 Nov	Complete the user analytics dashboard and finalize advanced features.	Core features (Argument Mapping & User Dashboard) are complete.	
11	03 Nov – 07 Nov	Conduct final testing, UI/UX	Final Presentation &	

| | | polishing, and bug fixing.

Final Presentation | MVP Deployment. | |
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4. Final Deliverables

At the conclusion of the project, the Student will provide the Client with the following:

- **Executable Application:** The final, working educational app.
- **Source Code:** A complete copy of the project's source code and GitHub repository.
- **User Documentation:** A brief guide explaining how to use the app's features.
- **Technical Documentation:** A summary of the technical architecture and setup instructions.
- **Project Presentation:** A final presentation summarizing the project and its outcomes.
- **Tool Evaluation Plan:** A 1-2 page document detailing a plan for an empirical study to test the application's effectiveness against its learning objectives.

5. Client Responsibilities

To ensure the project's success, the Client agrees to:

- Provide timely, clear, and constructive feedback by the deadlines listed in the timeline above.
- Provide any necessary content (e.g., text, images, curriculum details) required for the app.
- Be available for a weekly check-in meeting (approx. 30 minutes - 60 minutes).

6. Agreement

By signing below, both parties agree to the terms outlined in this document and commit to working collaboratively to complete this project successfully.

Student Developer Signatures:

NiteshSingh,AdityaSingh,KanishkSharma,ArthAgrawal,JatinMeena_____
_____
Date:29/08.2025_____

Client Signature: Date: 31 Aug 2025