Air University Multan Campus

Department of Computer Science

CS 382 Visual Programming

Fifth Semester Fall 21

DEBATRON - A DISCUSSION FORUM

SEMESTER PROJECT

You are hired to make *Debatron*, a user-friendly platform for discussions, where users can post and engage in conversations. The application will allow users to register, participate in discussions, and explore content shared by other users.

THE SYSTEM SHOULD PROVIDE THE FOLLOWING CORE REQUIREMEMTS:

* Facilitating user registration and login.
* Enabling users to create, post, and reply to discussion threads.
* Implementing user authentication and access control.
* Providing a catalog of available discussions and offers.
* Allowing users to view profiles of other discussion participants.
* Allowing administrators to manage user accounts, discussions, and content.

Additional Requirements

In case we have sufficient amount of time and expertise, we will attempt to include the following advanced level functionalities to Debatron:

* Access Control: Implement role-based access control for administrators and users.
* Discussion Analytics: Implement analytics to track popular discussions, trending topics, and user engagement metrics.
* Notification System: Develop a notification system to inform users about replies, mentions, and updates in discussions.
* Moderation Tools: Provide administrators with tools for content moderation, including the ability to flag and remove inappropriate content.