Programming Project / C++ - Meeting Management & Interaction System -

Student 1: Stanzel Robert Eduard

Student 2: Mihail Gabriel Zgirdea

I. Task Description

Student 1 (Stanzel Robert Eduard) is responsible for managing the meeting system:

- Adding, deleting meetings

- Viewing meetings and participant details

Student 2 (Mihail Gabriel Zgirdea) is responsible for participant interaction:

- Adding participants to a meeting

- Updating RSVP responses

II. Data Structures Used by the Team

The following classes are used:

- Participant: string name, string email, RSVPStatus status

- Meeting: string name, string date, string time, int duration, vector<Participant> participants

- RSVPStatus: Enum with values NO_RESPONSE, ACCEPTED, DECLINED

III. File Structure

The project uses the file meetings.txt with the format:

MEETING|<name>|<date>|<time>|<duration>

PARTICIPANT|<name>|<email>|<status>

PARTICIPANT|...

...

IV. Interacting with Executables

Organizer Commands - Executed via organizer.cpp

Compiled to: ./organizer

./organizer add_meeting "<name>" "<date>" "<time>" <duration>

./organizer view_meetings

./organizer delete_meeting "<name>"

Participant Commands - Executed via participant.cpp

Compiled to: ./participant

./participant add_participant "<meeting_name>" "<name>" "<email>"

./participant update_rsvp "<meeting_name>" "<email>" <status>

Where <status> is:

0 -> No Response

1 -> Accepted

2 -> Declined