FLASH CODERS

PROJECT TITLE PROPOSAL SUBMISSION FORM

Proposed Project Title	**Gordon College Flash: A Cross-Platform Video Conferencing Application for Gordon College using Angular Framework and WebRTC**
Team Members	**1. Marcial, Nicole B.** **2. Alip, Christian V.** **3. Alop, Mitchell Evans B.** **4. Aranda, Austin Ray R.** **5. Flores, Ralph Martin P.** **6. Inociete, Bernie Jr. L.** **7. Uy, Allen Eduard S.**
Brief Description of the Proposed Project	**A video conferencing application that will be used by the Gordon College students, instructors, and administration.**
Statement of the Problem	**General Problem:** **Because of the threat of COVID-19, everyone is required to stay at home as a result of the onset of pandemic. Some people are required to work from home and had limited access to the outside world. Through video conferencing applications, it allowed us to communicate with people outside of our homes. Current video conferencing applications either have a number of limitations or require a subscription service to access additional and more advanced features.** **Specific Problem:** **- Limited number of participants** **- Time usage limitations** **- Limited type of meetings**
Statement of the Objectives	**- To have a video conferencing application that serves unlimited number of participants in an online meeting** **- To have a video conferencing application that has no time limit when conducting an online meeting** **- To have a video conferencing application that can accommodate various types of meetings and is tailored to the needs of the organization**

FLASH CODERS

PROJECT TITLE PROPOSAL SUBMISSION FORM

Project Specification	**Program Specifications:** - **WebRTC** - **WebSocket** - **Text Editor (Visual Studio Code)** - **Web browser (Google Chrome, Brave, Microsoft Edge)** - **Camera** - **Audio** - **PHP v8.0.9** - **NodeJS v14.17.0** - **MySQL database** **Software Specifications:** - **Operating System: Windows 10** - **Web browsers: Google Chrome, Brave, Microsoft Edge** **Hardware Specifications:** - **Processor: AMD Athlon and above, Intel Atom and above** - **Memory (RAM): 4 GB and above** - **Hard Disk Drive (HDD): 500 GB and above** - **Hosting Site** - **Camera** - **Microphone**
Expected Output/Product	**Google Meet / Zoom for Gordon College**

FLASH CODERS

PROJECT WORKING TITLE APPROVAL FORM

Submitted

PROPOSED PROJECT TITLE (FOR APPROVED PROJECT)	**Gordon College Flash: A Cross-Platform Video Conferencing Application for Gordon College using Angular Framework and WebRTC**
Team Name	**Flash Coders**
Team Members	**1. Marcial, Nicole B.** **2. Alip, Christian V.** **3. Alop, Mitchell Evans B.** **4. Aranda, Austin Ray R.** **5. Flores, Ralph Martin P.** **6. Inociete, Bernie Jr. L.** **7. Uy, Allen Eduard S.**