** UNIVERSITY OF SAN JOSE – RECOLETOS**

*College of Information, Computer and Communications Technology*

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http://usjr.edu.ph/cicct/

SPECIAL IT PROJECT  
PROPOSAL FORM

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| **STUDENT NAMES** | | **PROPOSAL SCHEDULE** | |
| JC Pogosa | | February 10, 2020 | |
| Glenn Phillip Labra | |
| Luigi Cañete | |
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| **PRODUCT NAME** | | | |
| Oversee | | | |
| **PAPER TITLE** | | | |
| **A faculty attendance monitoring system using facial recognition** | | | |
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| **PROJECT DESCRIPTION / ABSTRACT** | | | |
| Oversee is a mobile web application that uses the technology facial recognition to identify the teaching staff from time-in, during class hours, and time-out. This application is for school teachers, to help them get their attendance checked accordingly and without bias. Oversee will notify the teachers of their late and absences while also letting them give remarks to the person-in-charge, to justify those late and absences. The monitoring system of this app works throughout each class session, which scans for the teacher's face around the room to ensure the teacher’s presence. The system will also mark the teacher as questionable if the system does not detect the teacher for three consecutive checkings, given that the system checks the teacher for 5 times, including the time-in and time-out. The facial scanners of Oversee are implemented through the CCTVs of the classrooms inside the school premises. | | | |
| **DEVELOPMENT TOOLS** | | | |
| **In order to achieve the goals of this project, the developers will employ the following tools: Visual Studio Code, Apache, XAMPP, HTML, CSS, Bootstrap, Python, OpenCV, GitLab, SourceTree and React Native. (will insert other tools needed for further development)** | | | |
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| **NOTE: This becomes a valid project proposal if and only if all signatories below**  **are confirmed and validated.** | | | |
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| **PROJECT ADVISOR** | **PROJECT COORDINATOR** | **DEPARTMENT CHAIR** | **PANELIST** |
| **D**r. Jovelyn C. Cuizon | **M**rs. Marisa M. Buctuanon | **D**r. Gregg Victor Gabison | **M**r. John Leeroy Gadiane |