Group09 – APCS1 – CS300 Software Engineering
Schoodle – All in one Student Management
Proposal

Nowadays, the connection between the University and students is inactive and one-sided because university create many separate system to manage students. Beside that, information(schedule, courses materials, updating assignments,…) is usually exchanged via email, social network because its time-saving. But using email, social network are not official channel of the university so students find difficulties to manage the information. In order to improve the interaction between students and the University, as well as create an information exchange environment, Schoodle application is our solution.

Schoodle can meet all activities of students, such as: enroll courses, direct contact the lecturer/TA, upload and submit assignment like Moodle,.... Concurrently, Schoodle help the ministry send notice of schedule, exam schedule, notice of tuition payment,... easily. In the future, Schoodle can completely replace Moodle and be used as a communication channel between parents and schools, not just for college.

Targeted users of Schoodle
- A small-unit of school (e.g. academy, institute,…)
- Who can use it? Admin, Academic sections (Staff), Teachers, Students.

Environment of Schoodle
- Database: MongoDB.
- Sample deploy: Localhost on Docker.
- Back-end: Coding server & APIs with Go Lang.
- UI/UX design: Figma (pending…), Adobe Photoshop, Adobe Illustration.
- Front-end: Language using – Dart, building cross-platform mobile-app with Flutter.

The key features of Schoodle
- Create accounts
- Log In
- Change Password
- Collect student information
- Create Courses
- Splash screen
- Allow students to enroll courses
- Save the student 's names and send it to the academic office
- Posting files to moodle
- Downloading files to moodle
- Grading assignments of students
- Show the final results of student
- Feedback system for students to evaluate the quality of courses and teacher
- Forgot password?