

UNIVERSITY OF SCIENCE - VIETNAM NATIONAL UNIVERSITY OF HCM

Faculty of Information Technology

INTRODUCTION TO SOFTWARE ENGINEERING - 21CLC04

PROJECT ASSIGNMENT PA0

LECTURER

Nguyễn Minh Huy
Hồ Tuấn Thanh
Trần Duy Thảo

Nguyễn Quang Thái - 21127163
Lý Nhật Hào - 21127041
Trịnh Xuân Bách - 21127011
Huỳnh Sơn Hà - 21127035
Trần Hoàng Duy - 21127259



Project Proposal

a. **Introduction:** TUS (Tutors of University of Science) is an e-commercial platform where HCMUS students can search for tutors to support them in school subjects. The platform also allows students who want to become tutors to post personal information, schedule, courses, academic qualifications and tuition fees so that students who need help can contact them. In addition, this platform also can help students with searching academic material.

b. Target users and environments

- Target users : HCMUS students who want to earn extra money through tutoring or search for tutors to improve study results.
- Environment : WEB

c. **Key features:** TUS has 2 types of actors (USER, ADMIN) with their corresponding functions:

- Upgrade account premium to unlock the tutor role to find students [USER] : user account is set default as searcher. If users want to become TUTORs, they have to request an upgrade account.
- Chat with admin [USER,TUTOR,ADMIN] : user account can ask the admin any problem they encounter.
- Report account [USER] : If there is any problem about Commerce Policies and Community Standard, users can report that account.
- Sign-in [USER] : log in your account.
- Sign-up [USER] : register as a user.
- Rating Tutor [USER] : after booking for a tutor, the user can rate the tutor account to what extent they are satisfied.
- Add tutor to favorite [USER] : there is a tutor category about the user's cup of tea to add.
- View tutor by type [USER] : all tutor are categorized by GPA, Schedule, tuition fees.
- Search a tutor by name or name of course [USER] : browse tutor by name or name of course.
- View tutor information [USER] : user can see tutor information : name, rating, gpa, schedule and tuition fees.
- View history [USER] : users can see their previous booking.
- Create a new course [TUTOR] : tutor can add their various courses to their home page.
- Remove course [TUTOR] : Tutor can remove products if it is unavailable. Admin also have ability to remove unsuitable products (against Commerce Policies and Community Standard)
- Chat with tutor/user [USER, TUTOR] : there is box chat to ask about problems
- Forgot password [USER, TUTOR] : request to change password in case you forget.
- Change profile information [USER, TUTOR] : edit your profile information.
- Approve/deny upgrade account request [ADMIN] : Admin authorize user's upgrade request and consider whether the account is suitable to upgrade (is student of HCMUS, gpa higher 3.0 ,...etc) or not.
- View report account and decide what to do [ADMIN] : Admin view all report requests from users and make decisions.
- Ban account [ADMIN] : ability to ban illegal accounts.
- Add account [ADMIN] : authorize sign up request.