

CAPSTONE PROJECT REGISTER

Class: Duration time: from/20.... To/20.....

(*) Profession: <Software Engineer> Specialty: <ES> <IS> <JS>

(*) Kinds of person make registers: Lecturer Students

1. Register information for supervisor (if have)

	Full name	Phone	E-Mail	Title
Supervisor 1	Nguyễn Văn Chiến	0986964972	chiennv33@fe.edu.vn	Mr.
Supervisor 2	Lê Vũ Trường	0383510094	truonglv23@fe.edu.vn	Mr.

2. Register information for students (if have)

	Full name	Student code	Phone	E-mail	Role in Group
Student 1	Đỗ Tuấn Hùng	SE172297	0932760162	hungdtse172297@fpt.edu.vn	Leader
Student 2	Võ Minh Mẫn	SE172292	0369986493	manvmse172292@fpt.edu.vn	Member
Student 3	Dương Thái Hoàng Nghĩa	SE161724	0866536867	nghiadthse161724@fpt.edu.vn	Member
Student 4	Nguyễn Ngọc Tuấn Anh	SE172020	0908416021	anhntse172020@fpt.edu.vn	Member
Student 5	Phan Phước Đức	DE170273	0981041503	ducppde170273@fpt.edu.vn	Member

3. Register content of Capstone Project

(*) 3.1. Capstone Project name:

- English: Building a Licensed Tutoring Center Connection Platform for Middle and High School Students
- Vietnamese: Xây dựng Nền tảng Kết nối Trung tâm Dạy kèm Được Cấp phép cho Học sinh THCS và THPT
- Abbreviation: BLTCPMHSS

(*) 3.2. Main proposal content (including result and product)

a) Theory and practice (document):

-Students will apply a development process and UML for system modeling.

-The documents include:

- User requirement document
- Software requirement document
- Architecture design document
- Detailed design document
- System implementation & Testing document
- Source code and deployable software package

-Technologies used:

- Server-side: ASP .NET Core (C#); Database: SQL server
- Client-side: HTML5, CSS3, Javascript

b) Program:

-Background: Currently, teachers or centers that want to open extra tutoring classes must obtain official approval. However, after registration, promotion often relies on limited channels (Zalo, Facebook), making it difficult for students/parents to know about them. There is a lack of transparency and accessibility, especially for families who want to find qualified and licensed tutors.

-Compliance with Circular 29:

- The system will not support any fee collection.
- The system will support the mandatory publication of information: subject, location, teaching method, schedule, teacher list, and tuition fees.
- Flexible business model:
 - i. Teachers register courses directly.
 - ii. Centers apply to host classes.
 - iii. Platform host charges per course post or per student referred (not monthly).

- Exportable reporting files will be available to support business registration and approval procedures.

-Business Model (Host Revenue Mechanism):

The platform host charges fees in two flexible ways:

1. Per Course Post – Every time a teacher or center posts a new course, a posting fee is deducted.
2. Per Student Referral – When a student registers for a course through the platform, the host earns a commission based on the number of students enrolled.

-Core features of BLTCPMHSS:

1. Centralized management of all out-of-school tutoring classes.
2. Teacher management: registration, approval, and reporting of teaching details (subject, location, time, format) as required by Circular 29.
3. Student enrollment management: ensuring only permitted student groups can register.
4. Class and schedule management: Tools for teachers/centers to manage schedules, capacity, and student lists; Ensuring compliance (e.g., no pre-teaching of core curriculum).
5. Tuition and fee management: Mandatory posting of tuition fees for each course.
6. Review & Rating: Parents and students can provide feedback; teachers and centers can respond or submit complaints.
7. Reporting and Dashboard: statistics on classes, students, teacher activities, and compliance reports for supervisory staff.
8. Security features:
 - Role-based access control
 - End-to-end encryption for sensitive data (payments, personal info)
 - Audit logging for transparency and accountability

-System modules:

- Admin portal: approval, supervision, reporting.
- Teacher portal: registration, reporting of teaching activities.
- Student/parent portal: enrollment tracking, class information, tuition.
- Reporting module: generates standard forms required for administrative procedures under Circular 29.

-Out of scope:

- POS/payment gateway integration (optional for out-of-school scenarios)
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4. Other comment (propose all relative thing if have)

N/A

HCM, date /20

Supervisor (If have)
(Sign and full name)

On behalf of Registers
(Sign and full name)