



## CAPSTONE PROJECT PLAN

Class: FE FPTU DN      Duration time: from 25/04/2022 To 26/08/2022

### 1. Register information for supervisor

	Full name	Phone	E-Mail	Title
Supervisor 1	Ha Thi Thao, M.Sc	0964638028	Thaoht32@fe.edu.vn	
Supervisor 2				

### 2. Register information for students

	Full name	Student code	Phone	E-mail	Role in Group
Student 1	Tổng Phước Gia Huy	DE140306	0362529468	huytpgde140306@fpt.edu.vn	Leader
Student 2	Phan Huỳnh Chiến Thắng	DE140130	0355210079	thangphcde140130@fpt.edu.vn	Member
Student 3	Lê Quang Long	DE140106	0375038444	longlqde140106@fpt.edu.vn	Member
Student 4	Châu Thái Sơn	DE130051	0343059474	sonctde130051@fpt.edu.vn	Member
Student 5	Trương Văn Huy	DE140135	0334947474	huytvde140135@fpt.edu.vn	Member

### 3. Project information

#### 3.1. Project name:

English: EasyDoctor - An e-health platform that connects patients and doctors

Vietnamese: Easy Doctor - Nền tảng y tế điện tử kết nối bệnh nhân và bác sĩ

Abbreviation: EasyDoctor

#### 3.2. Objectives

Create a medical platform to connect patients and doctors. Using spring boot web technology. Research based on patient needs when seeing a doctor, applying it to reality based on digital transformation.

##### a) Theory and practice (document):

Category	Tools / Infrastructure
Frontend	HTML, CSS, JS, Bootstrap 4

<b>Backend</b>	Ajax, Java/SpringBoot
<b>Realtime</b>	Chat, notification
<b>Testing</b>	JMeter
<b>Design</b>	Figma
<b>UML tools</b>	Draw.io
<b>Database</b>	MySQL
<b>Manage task</b>	ClickUp, Slack

b) Program:

[Liệt kê các phân hệ, các tác vụ theo từng actor mà chương trình sẽ thực hiện]

#	Actor	Description
1	All	All roles are possible: login, registration, logout, forgot password, reset password, edit profile.
2	Guest	The person who has the right to view information about doctors, see articles on the news without registering an account, but has no right to add, edit or delete.
3	Admin	<p>has the right to manage:</p> <ul style="list-style-type: none"> <li>- Add, edit, delete the examination list</li> <li>- Add, edit, delete the list of doctors for each clinic</li> <li>- Manage patient list, deactivate accounts</li> <li>- Payment management for doctors</li> <li>- Add, edit, delete medical appointment booking</li> <li>- Add, edit, delete list of posts</li> <li>- View reports on the number of patients for each clinic, the number of patients using the application per day, month</li> </ul>
4	Doctor	<ul style="list-style-type: none"> <li>- Set up a possible examination schedule</li> <li>- Post medical articles on the forum</li> <li>- View the appointment schedule that the patient has registered</li> <li>- Prescribe medicine for each visit</li> </ul>

5	Patient	<ul style="list-style-type: none"> <li>- View the list of clinics</li> <li>- View a list of doctors in each clinic</li> <li>- View medical posts of doctors on the forum, can comment, like, follow that doctor.</li> <li>- Book an appointment</li> <li>- View prescriptions</li> <li>- Payment</li> <li>- View a list of recently examined doctors</li> <li>- Chat with patients with an appointment</li> </ul>
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c) Non-functional objectives:

- Increase patient confidence in the system.
- Pay attention to the needs of the patient when coming to the clinic.
- The system makes money from commissions from patients and doctors.
- The GUI should be simple, clear, and have recognizable elements.
- Websites: works well with Firefox, Chrome, Microsoft Edge.

### 3.2. Project Plan

a) Assignment of work:

Task	Member
Design SRS, Testing, Report	All
Function about doctor	HuyTPG
Function about patient	ThangPHC
Function about manage by admin	LongLQ
Function about social network	SonCT
Function about landing page, feedback	HuyTV

b) Timetable:

Slot	Ngày giờ	Nội dung hướng dẫn công việc cần hoàn thành	Chịu trách nhiệm	Ghi chú
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1	16:00 25/04/2022	Hoàn thành Project plan nộp BM và P. TCQLĐT và chuẩn bị report 1	HuyTPG	Plan phải được phê duyệt của GVHD
2	16:00 02/05/2022	Review report 1 và prepare report 2	All	Phê duyệt của GVHD
3	16:00 09/05/2022	Review report 2 và prepare report 3	All	Phê duyệt của GVHD
4	16:00 16/05/2022	Review report 3 and prepare report 4	All	Phê duyệt của GVHD
5	16:00 23/05/2022	Update report 4	All	
6	16:00 30/05/2022	Review report 4 and prepare for coding stage	All	Phê duyệt của GVHD
7	16:00 06/06/2022	Review code iteration 1.0	All	
8	16:00 13/06/2022	Review code iteration 1.1	All	
9	16:00 20/06/2022	Review code iteration 2.0	All	
10	16:00 27/06/2022	Review code iteration 2.1 and prepare report 5	All	
11	16:00 04/07/2022	Review code iteration 3.0	All	
12	16:00 11/07/2022	Review code iteration 3.1 and report 5. Prepare testing	All	Phê duyệt của GVHD
13	16:00 18/07/2022	Update testing, prepare report 6	All	
14	16:00 25/07/2022	Review report 6, prepare report 7	All	Phê duyệt của GVHD
15	16:00 01/08/2022	Review report 7	All	Phê duyệt của GVHD

c) Deadlines

Document	Deadline	Notes
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Report 1	24:00 01/05/2022	
Report 2	24:00 08/05/2022	
Report 3	24:00 15/05/2022	Có thể kéo dài
Report 4	24:00 29/05/2022	
Report 5	24:00 10/07/2022	Có thể kéo dài
Report 6	24:00 24/07/2022	
Report 7	24:00 30/07/2022	

**Supervisor (If have)**

*(Sign and full name)*



Hà Thị Thảo

Danang, 24/04/2022

**Group members**

*(Sign and full name)*



Tống Phước Gia Huy