

**CAPSTONE PROJECT REGISTER**

**Class: Duration time: From …… To ……**

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

X

(\*) Kinds of person make registers: Lecturer Students

X

1. **Register information for supervisor (if have)**

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| --- | --- | --- | --- | --- |
|  | **Full name** | **Phone** | **E-Mail** | **Title** |
| Supervisor 1 | Phan Minh Tâm | 0903 016 480 | [tampm@fe.edu.vn](mailto:tampm@fe.edu.vn) |  |
| Supervisor 2 |  |  |  |  |

1. **Register information for students (if have)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Student** | **Full name** | **Student code** | **Phone** | **E-mail** | **Role in Group** |
| 1 | Lê Hoàng An | SE161765 |  | AnLHSE161765@fpt.edu.vn | Leader |
| 2 | Nguyễn Trọng Nghĩa | SE161777 |  | NghiaNTSE161777@fpt.edu.vn | Member |
| 3 | Hà Gia Minh | SE161374 |  | MinhHGSE161374@fpt.edu.vn | Member |
| 4 | Nguyễn Hùng Nghĩa | SE161181 |  | NghiaNHSE161181@fpt.edu.vn | Member |
| 5 | Trần Gia Thành Đạt | SE161767 |  | DatTGTSE161767@fpt.edu.vn | Member |

1. **Register content of Capstone Project**

(\*) **3.1. Capstone Project name:**

* English: A community for sharing healing stories
* Vietnamese: Cộng đồng chia sẻ câu chuyện chữa lành
* Abbreviation: Healing Community

1. **Context**:

The "Healing Community" project emerges from a growing need for digital spaces that support mental health and personal growth. In today's fast-paced, often isolating world, many individuals struggle with various challenges, from mental health issues to physical ailments and emotional traumas. While professional help is crucial, there's also immense value in peer support and shared experiences.

This platform aims to bridge that gap by creating a dedicated online community where individuals can share their healing journeys. The power of storytelling in the healing process is well-documented, both for the storyteller and the audience. By sharing their experiences, users can process their own journey, while simultaneously providing hope and inspiration to others facing similar challenges.

Furthermore, in an era where misinformation can spread rapidly online, this platform will strive to be a reliable source of peer-supported content, with appropriate moderation and the potential for partnerships with mental health professionals or organizations to ensure the information shared is constructive and safe.

By leveraging modern web technologies, the project seeks to create an accessible, user-friendly platform that can reach a wide audience, potentially making a significant impact on how people approach and discuss their healing processes in the digital age..

1. **Proposed solutions**

Develop a web application that allows users to create, share, and interact with healing stories. The platform will include features for user registration, story posting, commenting, rating, and sharing. It will also incorporate a content management system and robust search functionality to enhance user experience and community engagement.

1. **Functional requirements**

* Register/Log In:
* Users can register a new account by email or log in with a Google/Facebook account.
* Home page:
* Displays a list of the newest, highest rated, and most commented stories.
* Users can browse through different categories such as psychological healing, physical healing, spiritual healing, etc.
* Post Stories:
* Users can write and post their stories with accompanying titles, content, images or videos.
* You can tag related topics for easy searching.
* Comments and Discussion:
* Users can comment and reply to comments on each article.
* The system notifies you when there are new comments or when your story receives feedback.
* Rate and Share:
* Users can rate articles using a star system or "like" button.
* Share articles on social networks such as Facebook, Twitter, and Instagram.
* Personal Page:
* Each user has a profile page to display their posted stories, liked posts, and comments.
* Customize personal information and avatar.
* Search and Filters:
* Search stories by keywords, author, or tags.
* Filter stories by time, rating, and number of comments.
* Notification System:
* Push notifications when there are new comments, messages, or when the article receives likes.
* Notification configuration options in account settings.
* Content Management:
* Admin tools to manage article content, comments and users.
* Content moderation to ensure compliance with community regulations and avoid inappropriate content.

1. **Non-Functional:**

* User-friendly Interface
* Cross-platform compatibility (iOS and Android)
* Offline functionality for basic features

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

1. **Theory and practice (document):**

* Students should apply the software development process and UML 2.0 in the modelling system.
* Produce documents including:
* User Requirement
* Software Requirement Specification
* Architecture Design
* Detail Design
* System Implementation
* Testing Document
* Installation Guide
* Source code
* Deployable software packages
* Server-side technologies:
* Server: .NET Core/Spring Boot/NodeJS
* Database System: SQL Server/MySQL Server/Postgre.MongoDB
* Client-side technologies:
* Web Client: HTML5, CSS3, JavaScript, ReactJS/Angular.

1. **Program:**

* RESTful API for system backend
* Web application for desktop and mobile browsers.

1. **Proposed tasks for students:**

* Task package 1: User Authentication and Profile Management
* Implement user registration and login functionality
* Develop user profile creation and editing features
* Integrate two-factor authentication (2FA)
* Task package 2: Story Creation and Publishing
* Design and implement story creation interface
* Develop tagging and categorization system for stories
* Task package 3: Interaction and Engagement Features
* Develop commenting system with nested replies
* Implement rating and "like" functionality
* Create sharing options for social media platforms
* Task package 4: Search and Discovery
* Implement search functionality with keyword and tag-based queries
* Develop filtering options based on various criteria
* Create recommendation system for personalized story suggestions
* Task package 5: Content Moderation and Administration
* Develop admin panel for content management
* Implement reporting system for inappropriate content
* Create analytics dashboard for user engagement metrics
* Task package 6: Prepare all the required documents:
* System analysis and design.
* Test plan.
* Installation manual
* User manual
* Each work group may have many students participating but there will be 1 member responsible for the main responsibility.
* Notice: all students are required to understand the reference documents thoroughly and may need to explain to the viva committee.

4. **Other comment (propose all relative thing if have)**

Consider integrating a mental health resources section within the application to provide additional support for users. Explore partnerships with mental health professionals or organizations to enhance the platform's credibility and value.

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| **Supervisor (If have)**  *(Sign and full name)* | TP HCM, 20 July, 2024  **On behalf of Registers**  *(Sign and full name)* |