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TRƯỜNG ĐẠI HỌC KHOA HỌC TỰ NHIÊN

KHOA CÔNG NGHỆ THÔNG TIN

PROJECT MANAGEMENT

GROUP D: HAIR SALON BOOKING - BARBERINO

Summary Report

Bộ môn Công nghệ phần mềm

Khoa Công nghệ thông tin

Đại học Khoa học tự nhiên TP HCM

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Date	Version	Description	Author
July 25, 2022	1.0	Summary Report	Tran Nguyen Minh Dao

I. Project Information

1.   Description

- Name: Hair Salon Booking - Barberino
- Details: When accessing our website, users can book a schedule for our hair salon services. The team also provides an admin dashboard for the receptionist to manage the customer booking schedule.

2.   Resources

2.1 Source code:

- Front-end: https://github.com/ITEC-Group-DPT/barberino_fe
- Back-end: https://github.com/ITEC-Group-DPT/Barberino_Backend

2.2 Deployment: https://barberino.herokuapp.com/

2.3 Document: https://barberino.herokuapp.com/admin/document

2.3 Prototype: https://www.figma.com/file/e6064WmRek36UiPF5P24H5/Barberino-Prototype?node-id=0%3A1

3.   Software Development Process

- Agile methodology, Scrum, TDD
- Purpose:
  o Easier to manage the project process, reduce risks.
  o Improve team communication
  o Adapt to changes quickly, faster to deliver product to customer after every sprint

4.   Document

- Sprint 1: Executive Summary, Project Vision
- Sprint 2: Project Charter, Feasibility Study, Proof of Concept
- Sprint 3: Product Backlog, Definition of Done, Domain Model
- Sprint 4: User Manual, Environment Setup, Summary Report

II. Features

Features		Progress
User Booking	Storing customer booking information Listing all services Show available time slot for user to book Confirm and send customer booking	Front end: 100% Back end: 100%
Admin Dashboard	Authentication Display all customer bookings View statistic data Cancel user booking	Front end: 50% Back end: 70%

III. Evaluation

1. Scrum

- Follow scrum development process
- Discuss together and put all features to the product backlog
- All features will be assigned accordingly to the member, following with the time estimation and complexity
- Having sprint meeting every two weeks for new features and updates

2. Pros

- Getting to know more about agile methodology and process
- Better communication while working together
- Try to apply TDD and BDD process
- Deliver production faster compared to the waterfall process

3. Cons

- Short duration of time for the project
- No familiar with the Kanban board at the first time
- Writing many too many documents do not have much time for coding
- Need to apply testing, CI/CD Case tool to improve the project management quality