# PA REVIEWING

**24/06/2024 – 14/07/2024**

Group ID: **Group 5**
Project Name: Justatea
Prepared by: **Trần Đoàn Huy Phước**

Team members:
21127670 - **Hồ Thế Phúc**
22127338 - **Trần Đoàn Huy Phước**
22127307 - **Trần Đức Bình (Leader)**
22127454 - **Trần Quốc Việt**
22127378 - **Lê Quang Tân**

**Team members absent**: None

## 1.  Scope of the revision:

Building on the foundation laid by PA00 and PA01, PA02 focuses on the detailed planning and design phase of the project. This stage is crucial as it transitions initial ideas and conceptual frameworks into actionable plans and designs that will guide subsequent development phases. In PA02, we develop the project vision,the Software Development Plan (SDP), and create the first version use case specifications. Beside that, we also aim to implement some functions in the beginning stages.

## 2.  Achievements for PA2 (To the date 14/07/2024):

| No | Description | Responsibility | %Complete |
|----|-------------|----------------|-----------|
| 1 | Assigning roles to each member due to PA2 | All members | 100% |
| 2 | Finalizing the design of login page | TQViet, LQTan | 100% |
| 3 | Finalizing the design of landing page | TQViet, LQTan | 80% |
| 4 | Finalizing methods of registration, sign in, sign out, reset password | TDHPhuoc, TDBinh | 100% |
| 5 | Finalize the design for the navigation bar for the landing page. | TQViet, LQTan | 80% |
| 6 | Connect the backend and front end code for all Authentication methods | HTPhuc | 100% |
| 7 | Refine the use case specifications | All members | 100% |
| 8 | Finalizing use case model | All members | 100% |
| 9 | Revise Vision document base on feedback | TDHPhuoc, TQViet | 100% |
| 10 | Revise SDP document base on feedback | TDBinh, LQTan | 100% |
| 11 | Implementing retrieval of product information from database (Backend) | TDHPhuoc | 75% |
| 12 | Preparing database products in GoogleDrive | TDBinh | 100% |

# 3. Detailed Review:

## 1. Successes

- **Team Organization:**
  - The leadership of Trần Đức Bình continues to provide clear guidance and decision-making.
  - Roles remain well-defined, which helps maintain efficiency and accountability within the team.
  - Consistent full attendance and active participation indicate ongoing strong commitment from all team members.
- **Project Development:**
  - The finalization of the SDP and project vision indicates that the team has a solid understanding of the project's direction and goals.
  - The draft use case specification is completed, providing a detailed plan for user interactions and system functionality.
- **Technical Implementation:**
  - Successful implementation of authentication with the backend shows significant progress in core functionality.
  - Development of the landing page and login page reflects substantial progress on the front-end components.
- **Skill Development:**
  - The team continues to develop their skills in HTML, CSS, JavaScript, Node.js, and Firebase.
  - Practical implementation of authentication and front-end pages demonstrates effective application of newly acquired skills.
- **Communication and Collaboration:**
  - Ongoing adherence to teamwork regulations from PA00 ensures effective collaboration.
  - Clear communication channels have allowed for efficient coordination and task completion.

## 2. Challenges:

- **Configuration Issues:**
  - The development environments on team members' computers were not synchronized, leading to compatibility problems.
  - The backend team found it difficult to test functions without an interface.
- **Front-End Bugs:**
  - The front-end team struggled with bugs in the navbar and issues when implementing forms for registration and login.
- **Use Case Specification:**
  - Drafting the initial version of the use case specification was time-consuming.
- **Research Efforts:**

- ● Surveying other beverage websites and referencing documentation for the SDP and project vision required significant time and effort.
  - **Communication Problems:**
    - ● There were instances of misunderstandings among team members.

## 4. Recommendation

- Continue meeting deadlines and ensuring full team participation.
- Set specific milestones for ongoing learning tasks to ensure steady progress.
- Ensure theoretical knowledge is effectively applied in practical tasks.
- Anticipate potential roadblocks as the project becomes more complex and plan accordingly.
- Incorporate regular code reviews or pair programming sessions to share knowledge and maintain code quality.