**CS673 Software Engineering**

**ScrumbleBug**

**Meeting Minutes**

All meeting minutes are kept in this single document. The latest meeting minutes should be at the beginning of the document. For example, meeting 3 minutes is placed before meeting 2 in the document. The team leader should prepare a basic agenda for the meeting and team members should rotate to be the minutes taker. Each group should have at least one meeting per week, and you may have multiple meetings if needed.

**Week 2 - Meeting 3**

**Date and Time:** 09/19/2024 3:30 - 4:30 pm

**Place**: MET 122

**Participants:** Everyone

**Minutes taker:** Yueyihan Qi

**Timekeeper:** Yueyihan Qi

**Purpose:** Discuss the task allocation and division of responsibilities for next week and Iteration 0.

**Agenda:**

* Discuss the main features and innovative functionalities of the project。
* Discuss the work distribution for iteration 0.

**Discussions:**

* The main functions of the project:
  + User and Admin Login and Registration:
    - User Login/Registration: Users will be able to register using their BU credentials and log in with their mobile number and password. This ensures that only verified BU students can access the platform.
    - Admin Login: Admins will have separate access to manage platform content and oversee user activities.
  + Main Page - Featured Products and Categories:
    - A carousel on the main page will showcase recommended second-hand products based on user interests and popular listings.
    - Users will be able to browse items through categories or search for specific products.
  + Product Information Page
    - Each product page will include detailed information, such as the product’s condition, price, seller details, and location for pickup.
    - Users can also view reviews and comments left by previous buyers.
  + User Functions
    - Post Product Listings: Users can upload items they want to sell, providing details such as the title, description, price, and images.
    - Purchase Products: Users will be able to select items, enter delivery details, and complete secure payments through the platform.
    - Leave Comments and Reviews: After completing a purchase, users can leave feedback on products and sellers.
  + Admin Functions
    - User Management: Admins can deactivate, ban, or edit user profiles in case of violations of platform rules.
    - Content Moderation: Admins will monitor user-posted items and comments to ensure compliance with platform policies, removing inappropriate content or taking items offline if necessary.
    - Security Monitoring: Admins will oversee user verification, ensuring that only authorized BU students participate on the platform.
* Assign the SPPP Document.

**Key Decisions:**

* SPPP Document Assignment:
  + Yuanbin Man: Overview, Related Work, Proposed High level Requirements
  + Yueyihan Qi: Management Plan
  + Ang Li: Timeline,
  + Allen Chen: Configuration Management Plan
  + Srujana: Quality Assurance Plan
  + Yingtong Zhou: Presentation

**Action Items:**

* Complete assigned sections of the SPPP document and prepare a 1-2 page PowerPoint summary.
* Submit all materials to Yingtong for integration before Tuesday.

**Week 1 - Meeting 2**

**Date and Time:** 09/15/2024 1:00 - 2:00 pm

**Place**: Zoom

**Participants:** Everyone

**Minutes taker:** Yingtong Zhou

**Timekeeper:** Yingtong Zhou

**Purpose:** Finalize project idea and set up next steps

**Agenda:**

* Ang Li (Design Leader) presents the project idea and structure
* Q & A
* Set up next steps

**Discussions:**

* We agreed on developing a Second-hand Trading Platform with the following architecture:
  + Frontend: Vue.js
  + Backend: Java springboot
  + Database: MyBatis, Alibaba Cloud RDS for MySQL
  + Server, CI/CD: Docker, Kubernetes(K8s)
  + Caching: RDS for Redis
  + Middleware: Kafka
  + Testing and Bug fixing: PTS, Jenkins
* Team members raised questions about:
  + The choice of Alibaba Cloud K8s over AWS - Free and most cutting-edge
  + Potential risks of the project - Similar ideas, language barriers, project-related issues
  + How many functions, classes, interfaces do we need? How many ppl should be involved in each section?

**Key Decisions:**

* People:
  + Configuration: Allen Chen
  + Frontend: Yingtong Zhou, Yueyihan Qi
  + Backend + DB: Ang Li, Yuanbin Man
  + Testing and bug fixing: Srujana N
* Timeframe:
  + Next meeting (9/19) we’ll discuss requirements from product and technical angles, and how to achieve these functionalities
  + Early October the design leader will breakdown the projects into sections and functionality

**Action Items:**

* Confirm with the professor whether other groups' projects are repeated (confirm before Tuesday）- Yingtong
* Next meeting (9/19) we’ll discuss requirements from product and technical angles, and how to achieve these functionalities
* Before iter\_0(9/26) Everyone makes their own plans based on product requirements and update SPPP together
* Before iter\_0(9/26) Allen configures the front-end and back-end databases
* Early October the design leader will breakdown the projects into sections and functionality - Ang Li

**Week 1 - Meeting 1**

**Date and Time:** 09/12/2024 15:25 - 16:17

**Place**: MET 122

**Participants:** Everyone

**Minutes taker:** Allen

**Timekeeper:** Allen

**Purpose:** Discuss about the topic/ documents required to maintain

**Agenda:** Member introduction and initial project ideas brainstorming

**Discussions:**

Project topic: full stack + cloud; Spring boot

Management system: CRM; app on WeChat;

By Ang: focus on optimization with simple services; can handle massive access

focus on structure (a “smart” project) -> design database, efficiency on SQL, optimizing JVM; Use Alibaba Cloud Computing -> k8s with database on Alibaba Cloud <- SLB(front-end)

coding (simplify as much as possible)

SPPP (documentation):

**Key Decisions:**

Ang Li (Design Leader) will draft some project ideas before next meeting

**Action Items:**

What services is still TBD, needs to be decided before the next meeting