Weekly Status Report

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1 Proposal

1.1 Motivation

Following the covid-19 pandemic, restaurant owners are facing an uphill battle against the prospect of their future financial success. The skyrocket global unemployment rate has led to rising anxiety amongst individuals to spend money in restaurants. Furthermore, we are likely to observe a decline in the supply of waitering jobs given the uprising number of University graduates every year and the aging developed countries. To support restaurant owners through this difficult time, an interesting software project – Hi! – has been pioneered, a web-based platform that primarily takes orders and payments for restaurant customers.

1.2 Objectives

The objective of the project is to deliver a minimal viable product that can be launched to the market after the project deadline in March 2021. The minimal requirements of the project is still under refinement.

2 Progress

- Drafted one year plan: project analysis (introduction & project outline), requirement statements (customers, chefs, waiters, restaurant owners), test driven development using user stories (minimal viable product), software design (product paper prototype, product digital prototype), product coding, evaluations (requirement, testing, product paper & digital prototype), future work, miscellaneous (annual revenue estimation, product pricing, product launch strategy, GDPR, non-disclosure agreement).

- Set up GitLab (assign issues for the first iteration, draft team descriptions)

- The requirement of the project is being analysed using value proposition canvas.

3 Problems and risks

4 Plan

4.1 Semester 1

- Week 1: Read guidance notes in the individual project page in Moodle

- Week 2: Devise the one year plan and draft project specification. Set up GitLab.

- Week 3: Analyse the project requirement using value proposition canvas

- Week 4: Develop product paper prototype

5   Ethics