# Small Group Project Self-Assessment

**Team name**: Team Grasshopper
**URL of the deployed application**: https://haichong.pythonanywhere.com/
**Team members**:

- Arjan Bedi
- Maryam Marei
- Fatimah Al Yousef
- Deyu Li
- Zhaoqi He

**If the team agrees on an effective team size, specify it here. Otherwise, state that the team does not agree.** Team Size: 5

## Submission checklist

| Check | Task |
|---|---|
| ✓ | The work that is submitted has been produced by members of the team only, without input from other students or third parties. All use of examples from the internet and generative AI are declared in the README.md file. |
| ✓ | The team is familiar with the required deliverables for this project, outlined in the small group project handbook, available on KEATS. |
| ✓ | The team's shared GitHub repository has been registered on Team Feedback. All commits are attributed to a member of the team. The shared repository has a default branch that corresponds to the accepted version of the software. |
| ✓ | The version of the web application that the team wishes to submit has been deployed. The deployed system is seeded with data that meets the requirements outlined in the specifications. The system is accessible using the required access credentials. All functionality has been tested. |
| ✓ | All team members listed above agree with the claims made in this checklist. |

## Objective

Briefly outline the business objective of the system you have built. Aim to identify what the system you developed aims to achieve (do not regurgitate the overall assignment). This section should consist of a single paragraph. Aim for less than 100 words.

The system is a code tutoring platform that connects students and tutors for personalised programming lessons in languages like Java and Python. Students can sign up, request lessons, specify time, duration and frequency, make payments and communicate with tutors via messages. Admins manage the platform by organising lessons, handling availability and sorting student messages. Tutors can also sign up, manage their schedules and track payments. The platform features user friendly dashboards for students, tutors and admins to easily navigate and manage their interactions and activities.

## Features

Identify the main features of your team's application. Identify what type of user can access this (or their username), and any other constraints. If necessary, describe how/where the feature should be accessed. Small or very obvious features need not be included. The examiners will be using this to assess and find the functionality available to users of the application.

| Feature | Required user role and other constraints | How should the feature be accessed |
|---|---|---|
| Sign up / Registration | All users (students, tutors, admins) | Accessible via the homepage. Users click on "Student or Tutor Sign Up" and fill in personal details. They can also login if they have an existing account. |
| Request a Lesson | Student | After logging in, students access the "Schedule" section, where they choose the programming language, time, duration and other options. |
| Messages | Student and Admin | Students can send a message for tutors via the "Messages" section by completing a form. Admins are able to view submitted student messages and mark them as resolved or pending. |
| Payments | All users (students, tutors, admins) | Students can make payments for lessons and view invoices via the "Payment" section. Tutors can also view booked lessons and incoming payments via the "Payments" section on their dashboard. Admins have an overall picture of payments between tutors and students in their "Payments" section. |
| Profile | All users (students, tutors, admins) | Students can update their profile by amending basic information such as first name, last name and date of birth. Tutors are also able to update their profile but can additionally update the subjects they are available to teach. Admins can update their profile on a basic level. |
| Searching | Admin | Admins are able to make use of a searching feature to filter results for Code Tutor users. They can do this by entering a user's username, name or email. |