CS300 - CSC13002 - Introduction to Software Engineering
REPORT: Project Assignment 0 (PA0)

I . Group Information:

Group name: Table of Five™

Member:

Student ID	Fullname	Email	Position
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II. Project proposal:

Our group will made the Hotel management for this project. With the above topic, a management website will have 4 main roles group: Admin, employee, bot and customer. Users will access to the website of the hotel to do all the features of this web. The website can go to the website in all the device like laptop and smartphone. With each roles, we will have its own support functions to perform:

+ Customers: Customers will be separated to some roles base on customer membership by registration and booking hotel multiple times. Each customer roles have different benefits including access to some of facility, free food / drinks, personal budler / maid, discount on next visits

+ Staff: Depend on their roles in staff management. They can check the list of booked rooms, check the rooms status, check customer information, calculate the budget, check-in / check-out guest, check room requests, issues discounts, can manage customer roles...

+ Admin: Manage and have full access to all the roles above, divide the roles for staff and customer, check the server + client, update new things for the website.

+Bot: Have the access to API to perform roles management automaticaly, like promoting customer when certain criteria is meet. Promote staff if they have worked long enough.

III. Tools setup:

- Discord: We don't use Slack to communicate in the Group because Slack is quite slow/heavy and don't support webhook. So we use Discord to do the communicate.

- GitHub: Link project: https://github.com/trunghieumickey/fitus-hotel-manage

- GitHub project: Instead of using Jira to do this project, we use the tool project always have in GitHub – "GitHub project" to manage the project, because it have better intergration with GitHub in a lots of ways Jira can't. When we have something changed by someone, GitHub will announce that in our Discord group. In GitHub project, we can assign the task to everyone and see the task done or not in that.