SEG 2105 Project Final Report

Group 23

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**Short Introduction:**

In this project we created an application which can be used by many clinics and patients. For the patients, if they want to know the waiting times or book an appointment in the nearby walk-in clinics, it’s unnecessary for them to walk out and check the clinics. They can handle everything on their mobile devices without going out home.

**UML:**

**A close up of a map

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**Table with the roles:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Deliverable 1 | Deliverable 2 | Deliverable 3 | Deliverable 4 |
| Shifeng Song | 1.Created the welcome page  2.Implemented 3 types of accounts  3.Created all the GUIs. | 1.Created 2 test classes.  2.Created the class Service.  3.Created all the GUIs. | 1.Created the UML.  2.Implemented the function to enter address and phone numbers.  3.Implemented the function to eedit the name of the clinic.  4. Implemented the function to see a list of the working hours. | 1.Created the UML.  2.Implemented the function of CircleCI. |
| Andy Dai | 1.Created the GitHub Repository.  2.Implemented the function that users can created accounts. | 1.Created 1 test class.  2.Implemented the function to remove services. | 1.Created all the GUIs.  2.Implemented the function to edit the Insurance types and payment methods accepted. | 1.Created 5 test classes.  2.Implemented the function to make an appointment |
| Wenxin Duan | 1.Created a database with firebase.  2.Implemented thefunction to see the user role. | 1.Created 2 test classes.  2.Implemented the function to add services. | 1.Created 2 Unit test classes.  2.Implemented the function to add services.  3.Implemented the function to delete the services. | 1.Created 5 test classes  2.Implemented the function to rate.. |
| Zihan Xiao | 1.Implemented the function to store the password with hash value  2.Created the UML | 1.Created the class Validate to check all the fields are valid  2.Implemented part of the function of the CircleCI. | 1.Implemented the function to specify working hours.  2.Created the UML. | 1.Wrote the final report.  2.Implemented the function of CircleCI. |
| Aozhuo Zhang | 1.Linked all the values to the data base. | 1.Created the UML  2.Implemented the function to edit services. | 1.Created a class to check all the fields are valid.  2.Implemented the function to edit working hours. | 1.Implemented the function to search services. |

**Screen shots:**

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**Lessons we learned:**

During this project, we’ve learned how to create a project with Android Studio and handled many skills to develop Android mobile apps. We enhanced the theoretical work and concepts we learned from the lecture and applied them into the practice. What’s more, we also benefited a lot from this group work experience. We learned a lot about how to co-operate with other team members and that will be really helpful during our future work with our colleagues. Last but not least, all of us are increased of leadership and experience of team management. Really beneficial and unforgettable team work experience!