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Project Proposal

Supervisor: Martin Johnson

Participants:

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1. **Brief outline of the project**

In this project we will develop a Note Pad the aim to make platform for the users to record their daily life.

In this project, it will have the functionalities as show in below.

Firstly, user can log into their own account after users who are registering for their own account. The process of remember all users account will depend on the built-in SQL database. The search algorithm will be used to search the particular user with correct password.

Secondly, after users log into their own account users can find the weather of the day in the area where they are located. This process will get the permission from user to let this app to get location.

Thirdly, the main function of this system will be introduce. Make Note will allow users to record their life, users can typing by keyboard to record their life and also users can add photos into their Note. The process of add photos will get the permission from the users.

In this Note Pad app, we will give a search function that allow users to enter the keyword to find the particular things that they already recorded.

Finally, this app will have a share function which allow users to share the note to their friend via text.

1. **Timeline**

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| Week | To-do |
| Week 1 | Decide the main topic |
| Week 2 | Project proposal preparation and submit proposal |
| Week 3 | Planning for the project |
| Week 4 | Decide what algorithms that should be used in this program |
| Week 5 | Programming |
| Week 6 | Programming |
| Week 7 | Design data for testing |
| Week 8 | Design data for testing |
| Week 9 | Analysis and discussion |
| Week 10 | Report |
| Week 11 | Presentation preparation |
| Week 12 | Final presentation |

1. **Language**

In this project we will use Android Studio as the development tools, and the language of this project will be Java. The project will also use SQL database inside.

1. **Deliverables**

After the programming process is finished, we will use different data to test the project that satisfied our goals or not. This process will be developed in the few stages as shows below.

Step one: Testing the register can be done successfully, and use the different data to test if the project can reach our login function goal.

Step two: Testing the weather can show the correctly, different location will be consider to involve in this process.

Step three: Testing the note can be save and the details of that note also should be shown in the main page.

Step four: Using different keywords to test the contents of the note can be matched correctly.

Step five: Testing the share function can be done perfectly.

1. **Team responsibilities**

Ziming Wang: Team leader, responsible for designing the register and login page, the function of getting weather, search note by keyword and share note. Also, take charge of managing time and update the project requirement as the system developing.

Mohan Zhang: Take the responsibility of UI design, and record the process during the system developing.

Yuhong Liu: Responsible for design the testing data and algorithm researching.

Qingsheng Long: Take charge of the testing process.