CSIS 4175 – mobile 2

**TASK SCHEDULE**

members: nguyen minh toan | truong thanh thao

| Week | schedulel task in proposal | status | remark |
| --- | --- | --- | --- |
| 1 | Authentication activity | Done | * Complete interface * Complete Firebase authentication |
| 2 | Design database | In Process | * Created with basic information: event id, event name, description, start/end date, location (string), lat, lng, number of people follow, numbers of people like * Working on putting & storing image in firebase |
| 3 | Events list activity | In Process | * Draft interface implemented with search view using Android built-in * Working on custom searching events by location |
| 4-6 | Event details activity | In Process | * Draft interface implemented * Working on like, follow button |
| 7 | Event create activity | In Process | * Draft interface implemented * User can create an event |
| 8 | User profile activity | In Process | * Draft interface implemented * User can edit their profile (change first name, last name) * User can logout |

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**PROBLEMS LISTS**

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| Issue # | Issue description | fixed | Solutions/ possible cause |
| --- | --- | --- | --- |
| 1 | List view does not show in main activity | Yes | Import wrong library. Change to widget.v7.support |
| 2 | Bottom navigation is shown behind device navigation | Yes | Change layout |
| 3 | List view does not show when clicking back home button | Yes | Move list view to new fragment and load that fragment when home button is clicked |
| 4 | Firebase Realtime Database do not provide complicated query | Yes | Use Cloud Firestore instead |
| 5 | Try to apply best practice in code in project | Yes | Use ViewModel & LiveData |
| 6 | Design project structure | Yes | Try to separate classes into packages according to their categories or purposes |
| 7 |  |  |  |
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**project log**

members: nguyen minh toan | truong thanh thao

| Task | Status | Hours | PIC | Due Date |
| --- | --- | --- | --- | --- |
| Write proposal | Done | 7 | Thao | Sep 23 |
| Create android project, initialize structure and firebase | Done | 2 | Toan | Sep 23 |
| Create login activity | Done | 3 | Toan | Sep 23 |
| Create registration activity | Done | 5 | Toan | Sep 23 |
| Create app logo | Done | 1 | Thao | Sep 24 |
| Design UI for login & registration activity | Done | 5 | Thao | Sep 24 |
| User profile activity features | Done | 5 | Toan | Sep 29 |
| User profile edit features | Done | 5 | Toan | Sep 30 |
| Create bottom navigation | Done | 2 | Thao | Oct 5 |
| Implement add event feature | Done | 7 | Toan | Oct 6, 7 |
| Create list events activity (static) | Done | 3 | Thao | Oct 12 |
| Create Android search tool | Done | 2 | Thao | Oct 13 |
| Apply best practice using ViewModel & LiveData | Done | 10 | Toan | Oct 13, 14 |
| Create event detail activity (static) | Done | 3 | Thao | Oct 15 |
| Move Events list from MainActivity to Fragment | Done | 2 | Toan | Oct 20 |
| Redesign UI for Main Activity | In process | 5 | Thao | Oct 25 |
| Add ProgressBar, validation for login and register form | Done | 2 | Toan | Oct 26 |
| Add image support for event | Done | 5 | Toan | Oct 27 |
| Add like button | Done | 3 | Toan | Nov 2 |
| Add google map | Done | 3 | Toan | Nov 3 |
| Add image support for user profile | Done | 3 | Toan | Nov 10 |
| Finalizing features | Done | 5 | Toan | Nov 17 |