Version 1.0 (27th July)

**Discussion pointers**

1. ~~Basic layout: Fragments and Activities have no changes~~
2. **Food feedback tab in Mess fragment has a button which takes a user to ComplaintActivity.java**
3. **Food feedback: anonymous and public. Average meal rating for last week is shown on the menu page. Only 3-star rating mandatory, suggestion optional.**
4. **Forms should send a timestamp to DB which should have an attribute for the same.**
5. Caching data (events, feedback, complaints and images): use of timestamps
6. ~~Similar admin privileges (gets to see all the complaints, can change the status of complaint progress)~~
7. ~~Make camera functionality and a small form for uploading bills.~~
8. ~~Event uploading form.~~
9. **Wing Map and bathroom image for reference**
10. ~~Mess menu editable for admin.~~
11. **Notification**
    1. Basic notification: a reminder to open the app and fill the feedback
    2. Optional notification for mess menu.

**Android**

1. Home Activity: Navigation panel
   1. Event fragment
      1. OnClickFloating (+) button -> Event form activity
      2. Event ListView (Onclick ListView item -> Event detail screen)
   2. Bill fragment
      1. ListView (Onclick ListView item -> Screen having bill image)
         1. Mess tab
         2. Maintenance tab
         3. Sports tab
         4. Cult tab
      2. OnClickFloating (+) button
         1. Camera activity
         2. On capture the image -> Hostel bill form activity
         3. On form submit -> Take to home Activity
   3. Mess fragment
      1. Food feedback form tab
      2. Menu tab
      3. List tab
         1. ListView feedbacks (Onclick item -> Feedback detail screen)
   4. Notification fragment
2. Home Activity: Hamburger menu
   1. UserDetails Activity
      1. Text Views
         1. Non-editable
            1. Entry no
            2. Name
         2. Editable
            1. Room
            2. Wing
      2. “Save Changes” button
   2. Complaint form Activity
   3. About Activity

**Design**

Database schema:

<https://drive.google.com/file/d/1XPYn9W55KUeVPz3-GGvxzmu0jfN5l7vQ/view?usp=sharing>

Pen and paper layouts:

<https://drive.google.com/file/d/1noytaPjf8Vz_N6RNHd4hX2ORPis1TX2t/view?usp=sharing>

Balsamic layout:

<https://drive.google.com/file/d/1Zsk0EGuwbb5HfMp4t5bngcEHiUqI59nf/view?usp=sharing>

**Deadlines**

18th July (Sunday): Merge individual codes

Vignesh

1. [~~Database Schema~~](https://drive.google.com/file/d/1Xbw1iDPhuwMlUZA6yGKvzCxtW_XhxZ6H/view) ~~complete~~
2. ~~Java queries functions~~
3. **Error handling for queries**

Aayush

1. **Mess feedback Notification (11th point in discussion pointer)**

Mahesh: ~~App layout (Except Forms and Mess Menu)~~

Sarvagya:

* 1. ~~Creating~~ [~~Forms~~](https://docs.google.com/document/d/18kZY8GDYLxHvlqO3wy39XIlW8uz4y6961hFFv38VPXg/edit)
  2. ~~Post form data in Firebase~~

Shantanu

1. ~~Mess menu tab~~

27th July (Sunday): Karakoram App Version 1.0

Vignesh

1. ~~Caching~~
2. ~~Bugs and error handling~~

Shantanu

1. ~~Mess update form~~

Aayush

1. **Mess optional notification (11th point in discussion pointer)**

Mahesh

1. ~~UI and styling~~

Sarvagya

1. ~~UI and styling~~

Version 2.0 (10th August)

**Discussion pointers**

1. Separate admin privileges
   1. Focused layout
   2. Storing data in different documents/Collection in firebase
2. Notification:
   1. Different admin gets different types of notifs
   2. Food feedback notification: WhatsApp notification clone: read msg (choose 3-star rating/not eaten a meal); clicking down arrow and replying: giving suggestion (optional)
   3. Residents get to choose which event notif they want (publish, subscribe notification method)
   4. [TBD] Admins get notif related to their work only (CT: complaints, mess supervisor: food feedbacks, warden: None)
3. Event click -> dialog box (No image, little text). “Read More” button click: new page (full text with image)
4. Food feedback
   1. Extended form (for individual meal items, initial rating the same of what the user gave on the top (3-star rating))

\*version 2.0 should have form editing ability

**TBD**

1. How will we get the resident data (how to upload the list of all entry numbers and other obtainable data to firebase)
2. Say a person has a complaint related to mess, so instead of food feedback and goes to the complaint section and write a complaint. That complaint will go to the CT. Why will he bother anyways? -> Make a separate mess complaint form?
3. [Closed] Whether or not have some small form to fill before uploading the bill? What to have in the form?
4. Pending features:
   1. Complaint progress indicator
   2. All complaints visible to admin/individual complaints for resident
5. Editing all the forms.
6. Release proposal: letting residents use the app as they wish to (also letting them have admin privileges)
   1. To make them familiar with the idea and app.
   2. Let us get feedback and identify bugs.
   3. In case the users do not find the app worth using, they won’t use it at all.