

CS251

Tempus
User Documentation

Team eNRGy

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Contents

1	About <i>Tempus</i>	2
2	Welcome Page	2
3	Getting things started	3
4	Homepage	4
4.1	Profile	5
4.2	Courses	5
4.3	Time-Table	7
4.4	Events	8
4.5	Alarms	10
4.6	Department Forum	10
5	Bugs	11

1 About *Tempus*

Tempus, which is the Latin for "Time" is an Android App which helps the students in effective management of time. The App basically consists of two major fragments. One is the Time-Table/Events part and the other one is the Discussion Forums part. Time-Table/Schedule is automatically generated once the user provides his details which later on keeps getting modified as more events, like quizzes and assignment deadlines appear. As for the Forums part, the user gets automatically added to the Groups of his Department and the Courses he has registered for. He can both post messages on the forum as well as add events for the groups he has been added to. This was the brief overview of our App. Further details are provided ahead.

2 Welcome Page

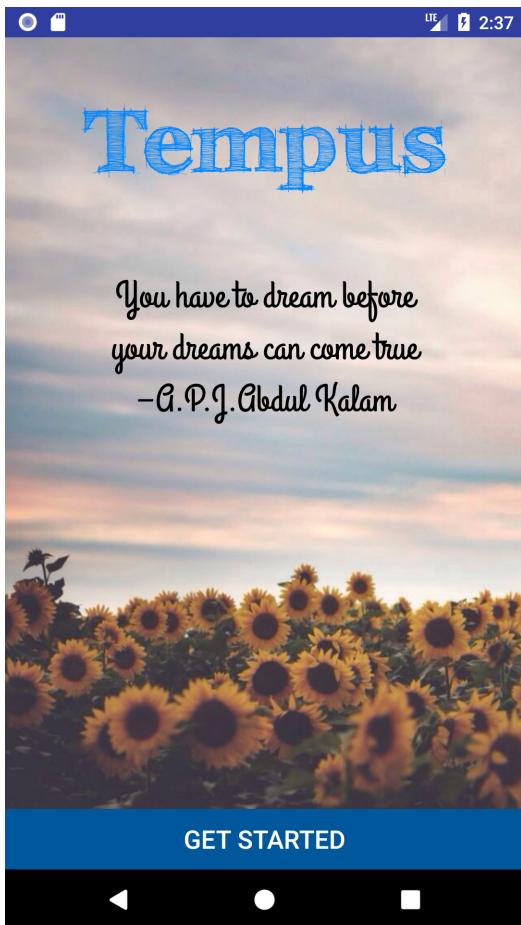


Figure 1: Welcome Page

This is the first page that opens when the user opens the App. An inspirational quote is selected at random from our database of quotes and is displayed with the beautiful type-writer effect to keep the student motivated throughout the day. The "GET STARTED" button takes the user to the Log-in page, functionality of which is explained next.

3 Getting things started

After hitting the "GET STARTED" button on the Welcome the user is taken to the Log-in page. Here, the user is asked for LDAP-ID and Password. If the User has already registered and enters the correct Password, he is taken to the his Homepage. Else, if he enters the incorrect Password, he stays at the Log-in page after a pop-up message of "Incorrect Password". If the User has not registered before, he is taken to the Registration Page.

On the Registration Page, the user has to enter his Name, Department and add the Courses that he has Registered for. Please note that the Name once set can not be changed again. Also, the user should hit the user button only after the "Course Added" toast (or other toast, depending on if the course is already added or if it doesn't exist in the database) is displayed after adding any course. He also has to confirm the Password which he entered on the Log-in page, failing which he will be redirected again to the Log-in page. The adding and removing of courses can also be done after registration from the Profile Activity, which is explained later.

After successful registration, the user is taken to his Homepage, which is explained next.

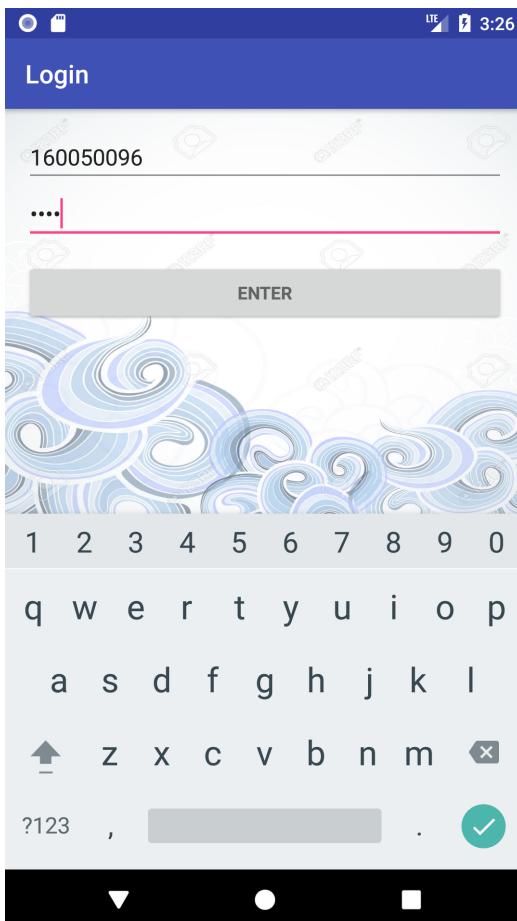


Figure 2: Log-in Page

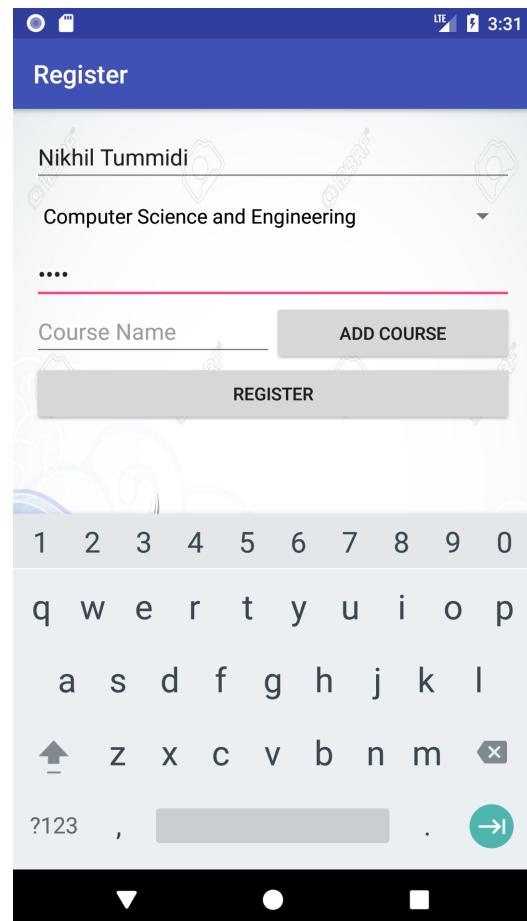


Figure 3: Registration Page

4 Homepage

This is the first page which is displayed after successful Log-in/Registration. This contains the following links:

1. Profile
2. Courses
3. Time-Table
4. Events
5. Alarms
6. Dept. Forum

Also, there is a "LOG OUT" button which logs the user out and takes him to the Welcome Page. The details of all the other links are explained ahead.

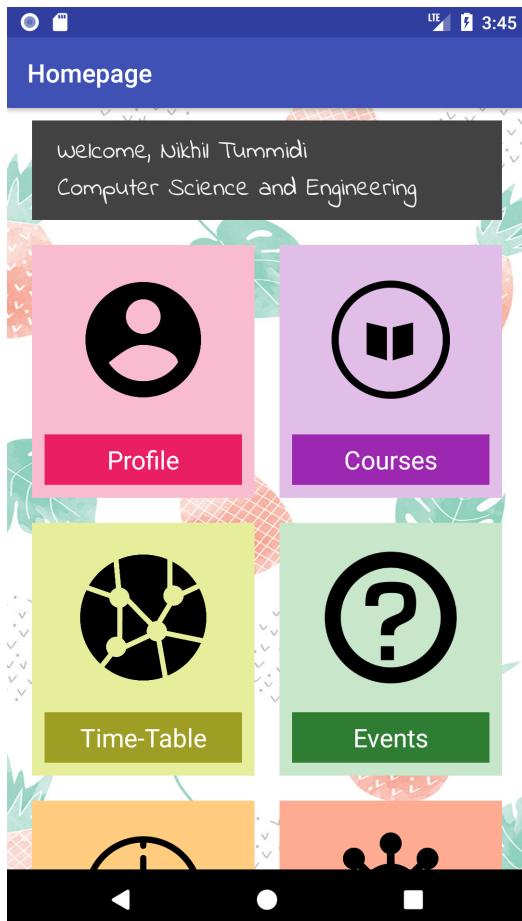


Figure 4: Homepage (a)

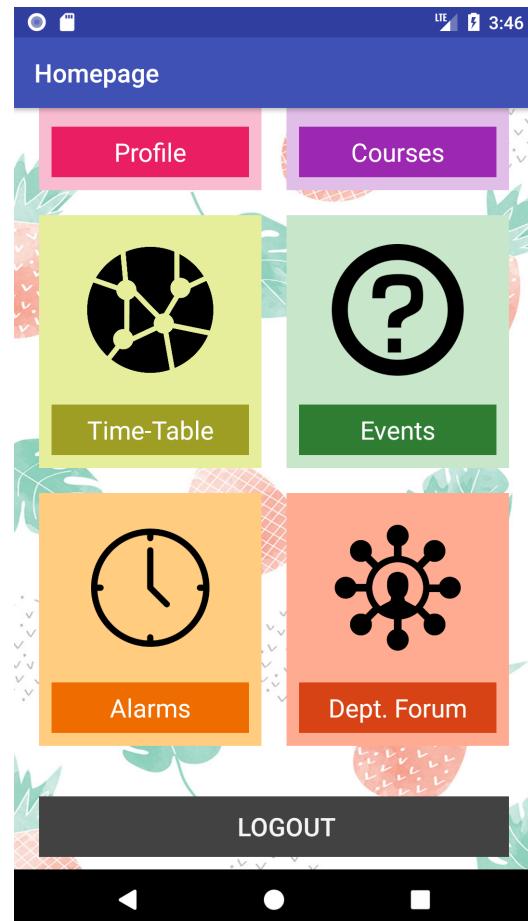


Figure 5: Homepage (b)

4.1 Profile

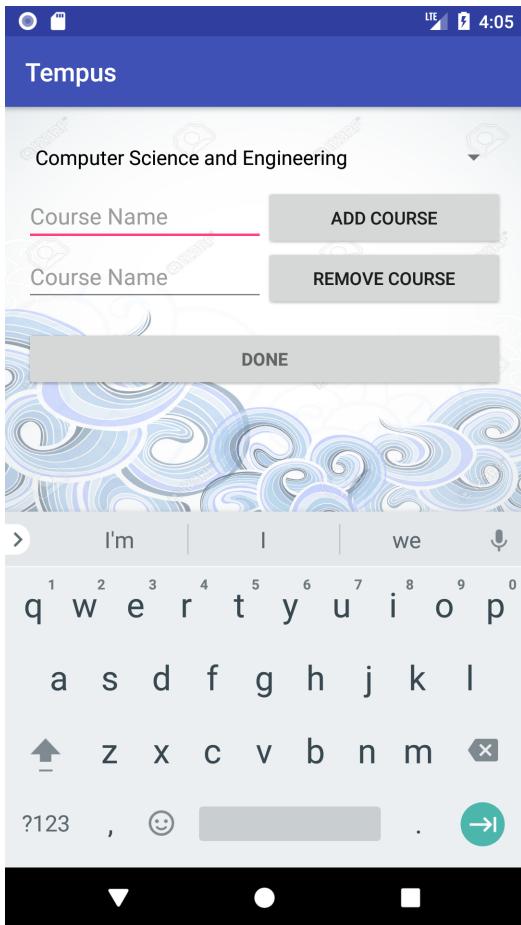


Figure 6: Profile Page

4.2 Courses

The Courses page contains the list of all the courses that the user has registered for. Clicking on a course will display all the details of the course such as Class Timings and Venue. The Course Details page also has a link that redirects the user to the Discussion Forum for that Course. The working and other Details of the Forums are explained later along with the Department Forum

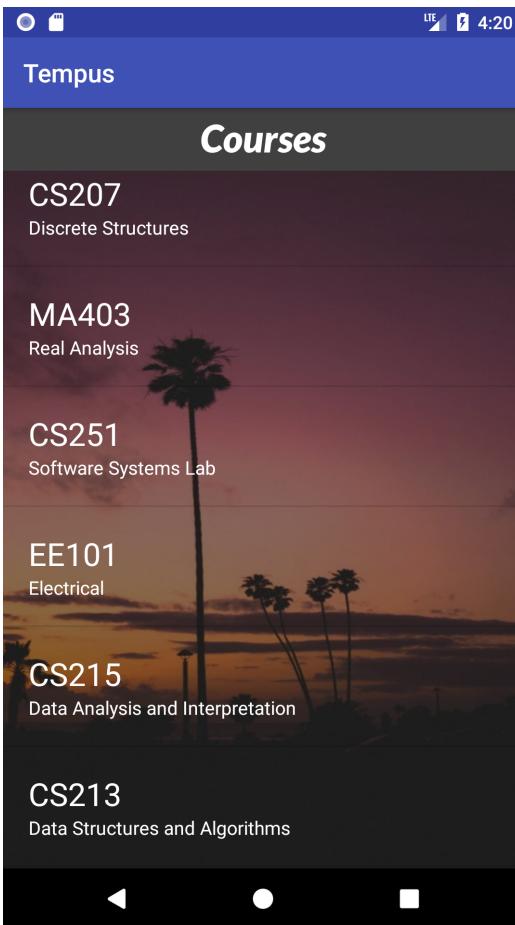


Figure 7: Courses Page

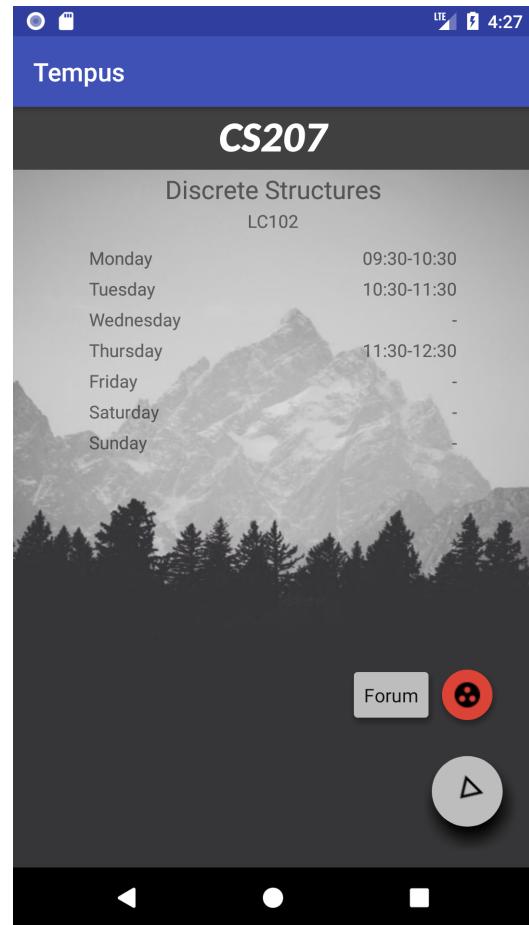


Figure 8: Course Details (CS207)

4.3 Time-Table

The Time table page contains calendar view of timings of courses taken by user, in 3 different views, namely day view, week view, 3 day view. This has a couple of bugs in it, so please refer bugs section.

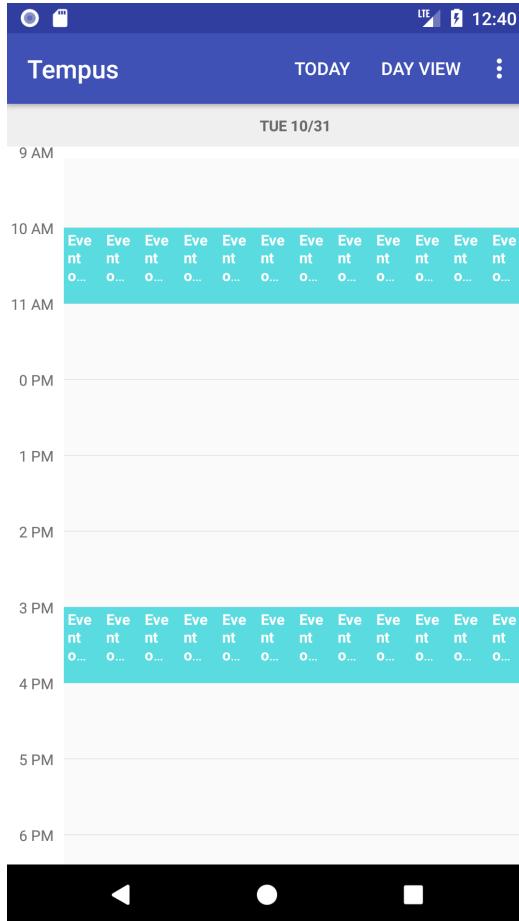


Figure 9: Day View

The day view contains list view of timings of all courses of that day. The week view contains list view of timings of all courses of that week. The 3 day view contains list view of timings of all courses of three days starting from that day.

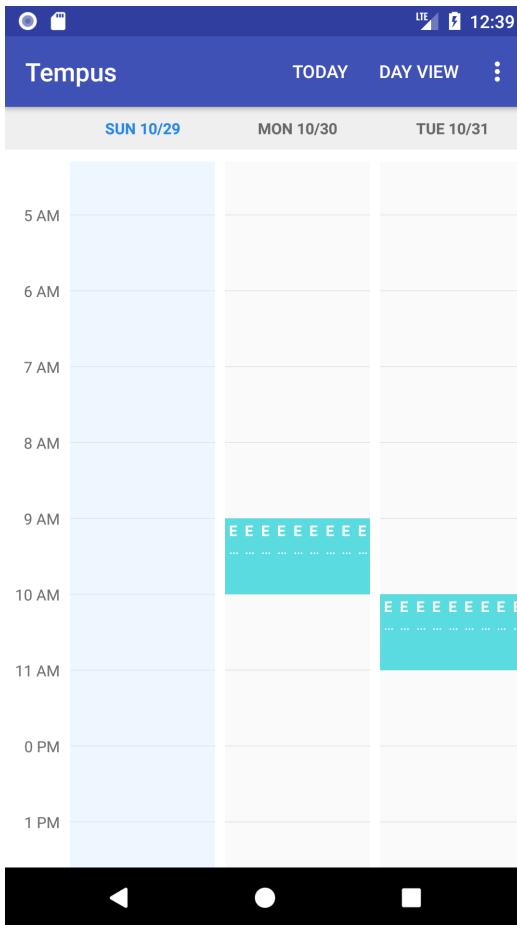


Figure 10: 3-Day view

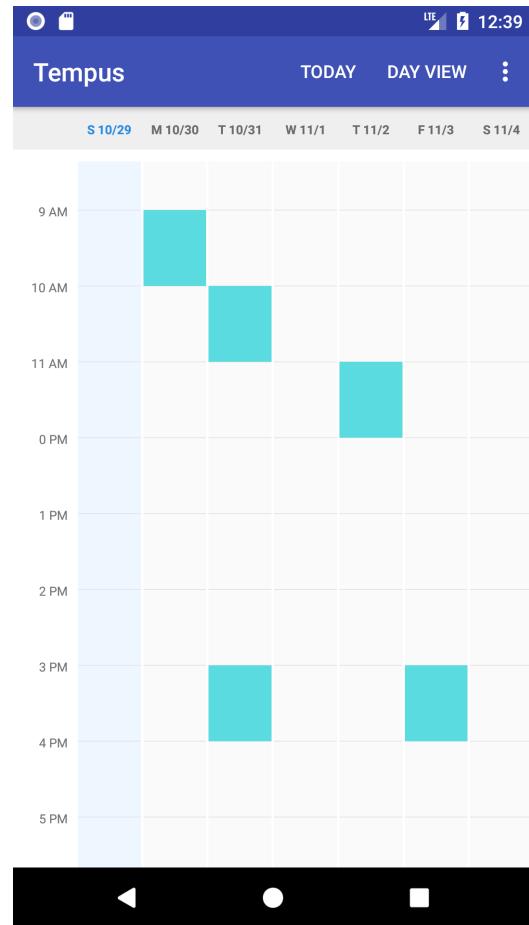


Figure 11: Week View

4.4 Events

The Events part displays the upcoming events that the user has accepted, such as quizzes, assignment deadlines or department sports events. Right swiping the screen takes the user to "Pending Events". Right swiping again takes the user to "Add Event" Page. This system works as follows. In the "Add Event" page, the user can add events in any of the groups he is a member of, i.e. the courses that he has registered for and his department. The event added will show up in the "Pending Events" page of all the members of that group. On the "Pending Events" page, the user can either choose to accept the event or discard it. LEFT swiping an event and hitting done will add that event to the list of "My Events". RIGHT swiping the event means that the user has discarded the event and will no longer appear in the "Pending Events". There is a small bug in this part. So please refer the Bugs section.

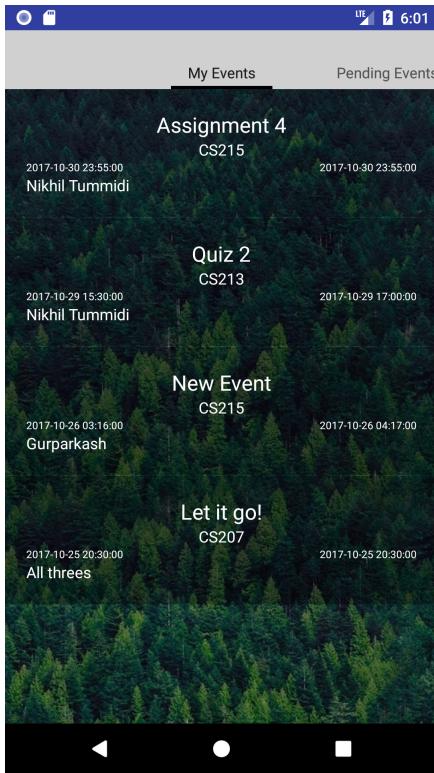


Figure 12: Accepted Events

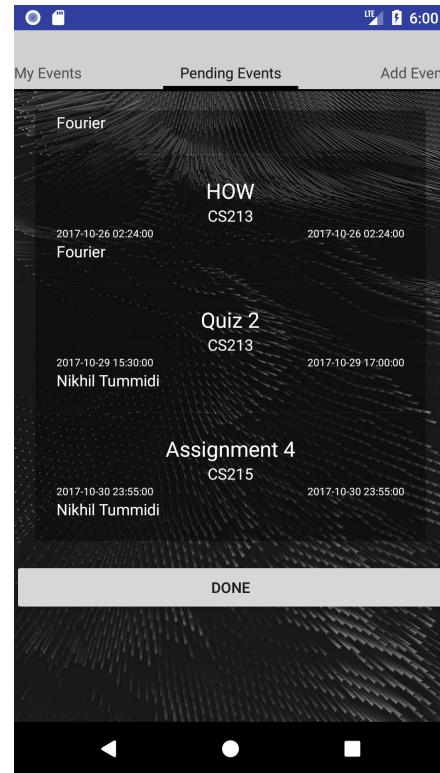


Figure 13: Pending Events

This screenshot shows the 'Add Event' form. It includes fields for:

- Pending Events** (selected)
- Add Event**
- Course/Department** (highlighted in red)
- Description** (text input field)
- SELECT DATE** (button)
- SELECT START TIME** (button)
- SELECT END TIME** (button)
- ADD EVENT** (button)

Figure 14: Profile Page

While adding an event, on the "Add Event" Page, write the Course Code in Capital Letters and without spaces to add an Event for the group of that Course. to add an event for the people of the department, write "Department" in that field. Once the user has selected date and times of the event, hitting the "Add Event" button will push that event into the "Pending Events" of the users of that group.

4.5 Alarms

4.6 Department Forum

This section should be referred for Course Forums also

All the Courses have their separate Discussion Forums into which the user is automatically added when he registers for them. Also he is automatically removed when he removes the course from his Profile. This is the same for Department Forum. When the user changes his department, he is removed from the forum of his old department and added to that of his new Department.

Hitting the Forum button takes the user to the Forum Topics Page. This page displays all the Topics with the details, i.e. the name of the person who posted it as well as the date-time when the thread was started. Clicking on any topic opens the messages posted in that topic. This works in the similar way as the threads on Moodle.

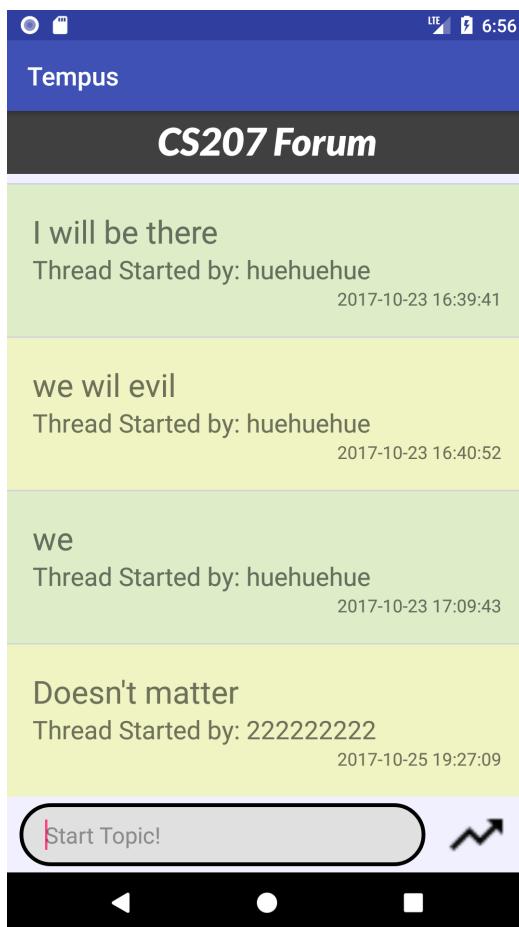


Figure 15: Forum Topics

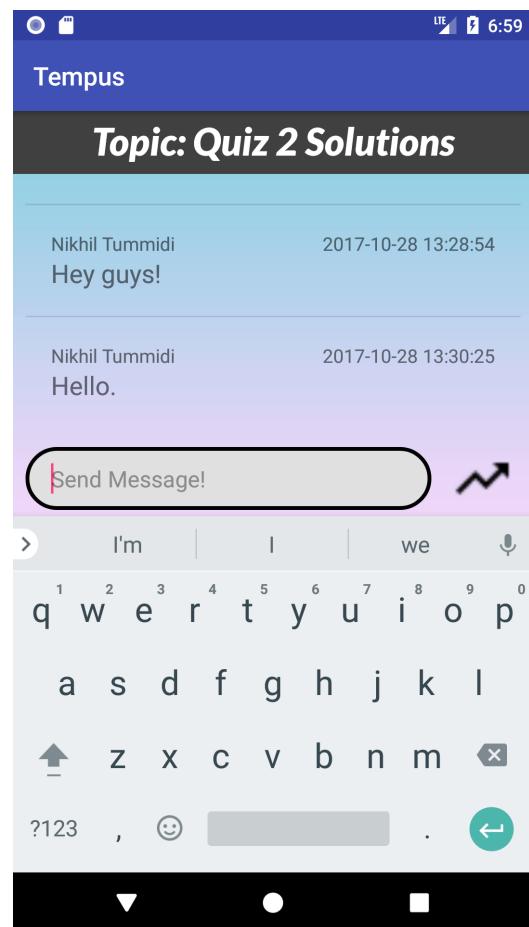


Figure 16: Forum Posts

5 Bugs

1. In the Events Section, when the user accepts an event from the "Pending Events" page and hits done, we expect that event to directly appear in the "My Events" page which is just a left swipe away. But, this is not what happens. You have to go back and then open again the Events Section. Same is the case for "Add Event". After adding an event, a user will have to go back and reopen for that event to show in his "Pending Events".

This reason for this bug is as follows. In the View-Pager style used for the front end of that section, a page is reloaded as soon as we open it's adjacent page. This is so that the transition is smooth and the page doesn't have load when the user opens it. Now, the "My Events" page and "Pending Events" page are adjacent and so are the "Pending Events" and "Add Event" pages. So, when we hit "Done" or "Add Event", only the back-end changes take place. For these changes to show up on the Front-end we need to refresh the page which can only happen if we go back and come in again.

2. In the Course Detail Page, there is a floating Button Menu, which on clicking shows the options. If the user presses the back button while that menu is open, the app sadly crashes. So the user will have to be a bit careful on that page.
3. In the Time-Table section, there is a bug due to which each event is added 12 times in the same time slot. Also, the events are added in the calendar only in the week in which the user registered for the course.