

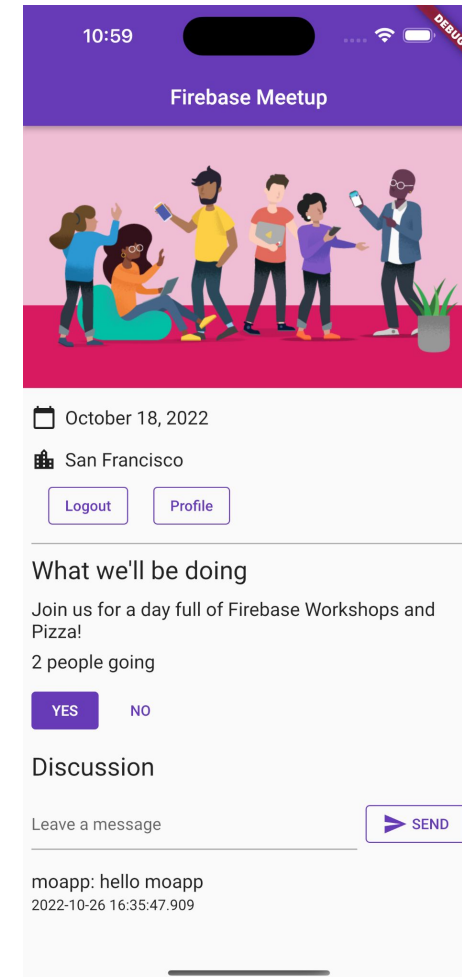
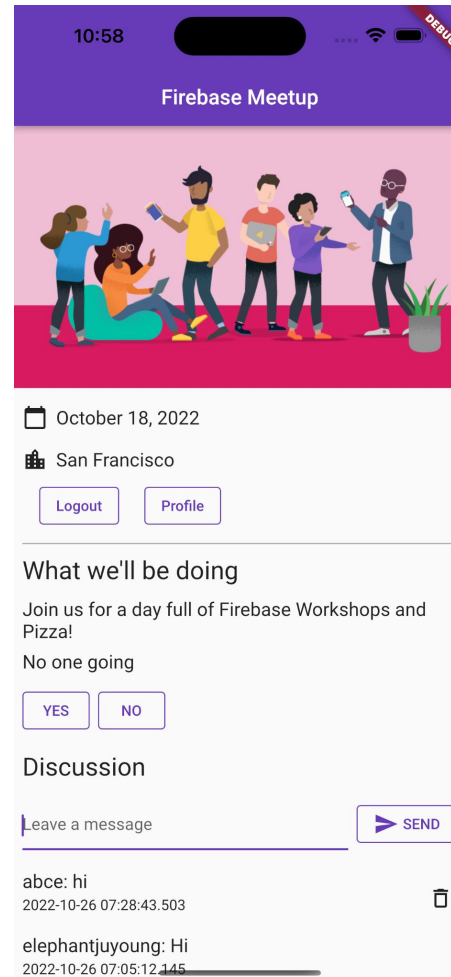
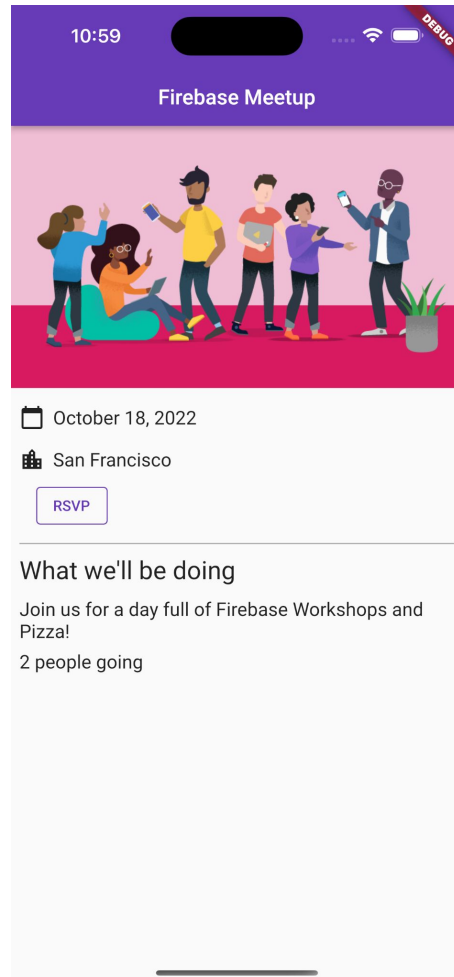


CLASSWORK

Week 9

Firestore for Flutter

■ Result



Demo Video: <https://drive.google.com/file/d/14FZmwmHlkssz-DYYSBHI54la-ueMPJQn/view?usp=sharing>

Firestore for Flutter

- All codes given in the class should be implemented.

<https://firebase.google.com/codelabs/firebase-get-to-know-flutter#0>

- Set up your own firebase project and link it to your flutter project.
- Please follow all the steps in the CodeLab (to the last Bonus Step)
 - Login & Register & Logout
 - Attendee Record
- The **date and time(DateTime)** that the message was created must be under the message text. <https://api.flutter.dev/flutter/dart-core/DateTime-class.html> →
- Edit your **Security Rule** like below.

User2: Hello:)
2021-04-19 18:16:52.829

```
1 rules_version = '2';
2 service cloud.firestore {
3   match /databases/{database}/documents {
4     match /attendees/{userId} {
5       allow read: if true;
6       allow write: if request.auth.uid == userId
7         && "attending" in request.resource.data;
8     }
9     match /guestbook/{entry} {
10      allow read: if request.auth.uid != null;
11      allow write: if request.auth.uid == request.resource.data.userId;
12      allow update, delete : if request.auth.uid == resource.data.userId;
13    }
14  }
15 }
16 }
```

Firestore for Flutter

■ Create Delete Button

- **Overflow** or **Error** must not be occurred (even if the message is really long).
- Create an **IconButton**(`Icons.delete_outline`) on the right side of the message.
- The delete button should appear on the right side of **your own message**, not someone else's.
- If you press the delete button, the message should be deleted on both firestore and device.

