

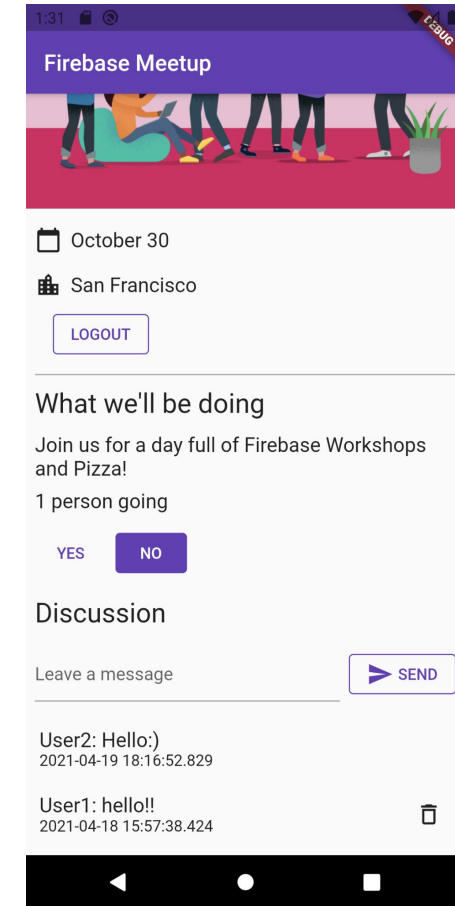
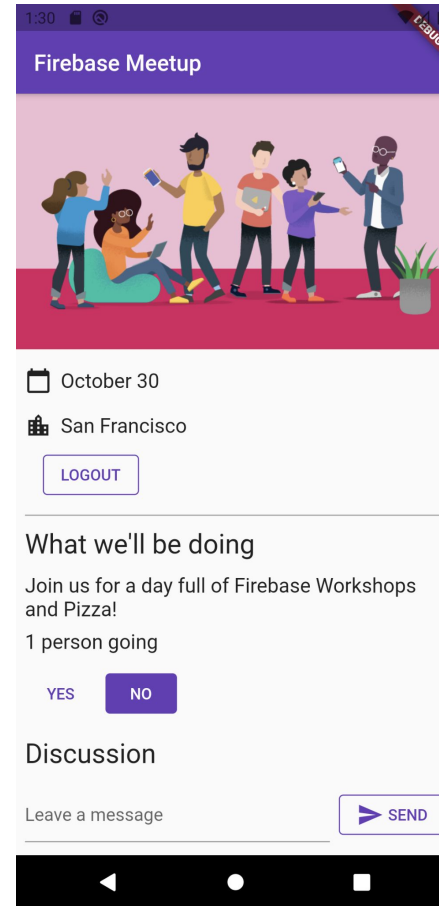
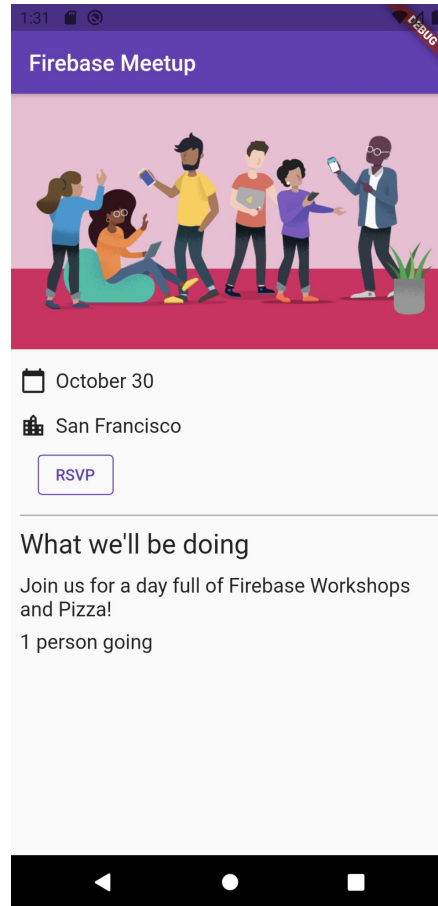


# CLASSWORK

Week 9

# Firebase for Flutter

## ■ Result



Demo Video: [https://drive.google.com/file/d/1dZ3MK5PRLt7S1A9eHEbtsOU\\_Po4Gzh6A/view?usp=sharing](https://drive.google.com/file/d/1dZ3MK5PRLt7S1A9eHEbtsOU_Po4Gzh6A/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 "CodeLab steps" (until 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 /guestbook/{entry} {
5       allow read: if request.auth.uid != null;
6       allow create: if request.auth.uid == request.resource.data.userId;
7       allow update, delete: if request.auth.uid == resource.data.userId;
8     }
9     match /attendees/{userId} {
10      allow read: if true;
11      allow write: if request.auth.uid == userId
12                  && "attending" in request.resource.data;
13    }
14  }
15 }
```

# 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. (both firestore and device)

