

CSM3114-FRAMEWORK BASED MOBILE APP DEVELOPMENT

Project 1: Uni Alerts App

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Uni Alerts App

```
environment:  
  sdk: '>=3.1.3 <4.0.0'
```

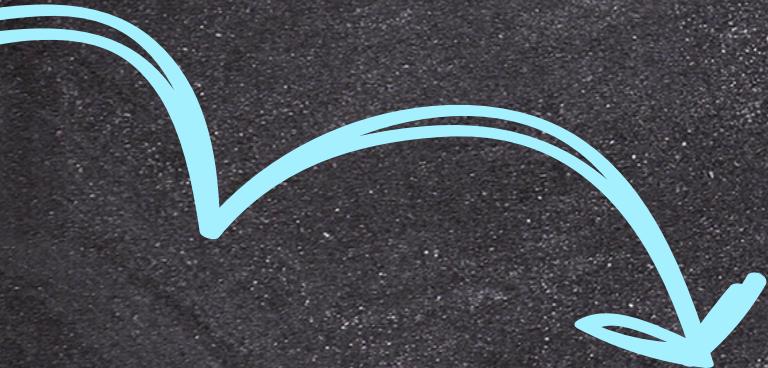
```
dependencies:  
  flutter:  
    sdk: flutter  
  intl: ^0.18.1  
  http: ^1.1.0
```



Project Directory:

```
  ✓ models  
    AnnouncementModel.dart  
  ✓ screen  
    AnnouncementScreen.dart  
  ✓ services  
    AnnouncementService.dart  
  ✓ utils  
    DateUtils.dart  
  ✓ widgets  
    AnnouncementTile.dart  
    FilterOptions.dart  
  main.dart
```





Key Features



1

Announcement Feed:

- A centralized feed with announcements and news from the university
- Easy for users to browse the feed and keep up with notices from the university.



2

Categorization & Filters:

- Alert classifications, such as Academic and Events Updates.
- Users can personalize the kinds of announcements they want to see by using the selection choices.



3

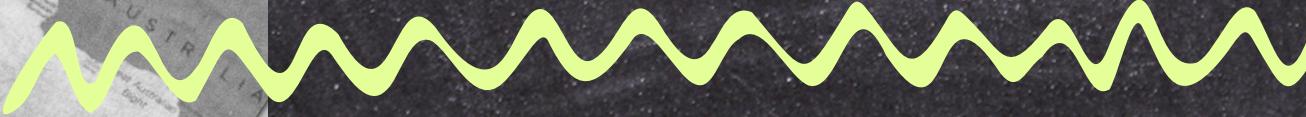
Interactive Announcements:

- By adding or deleting announcements from within the app, users can take an active role in the information-sharing process.

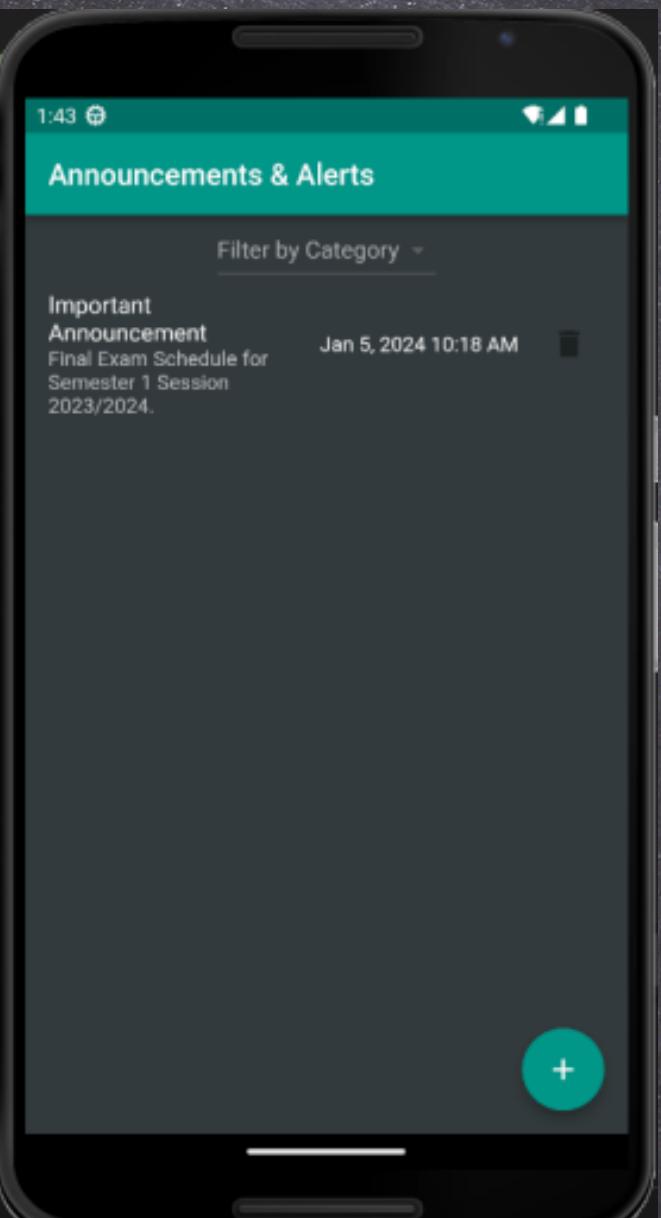
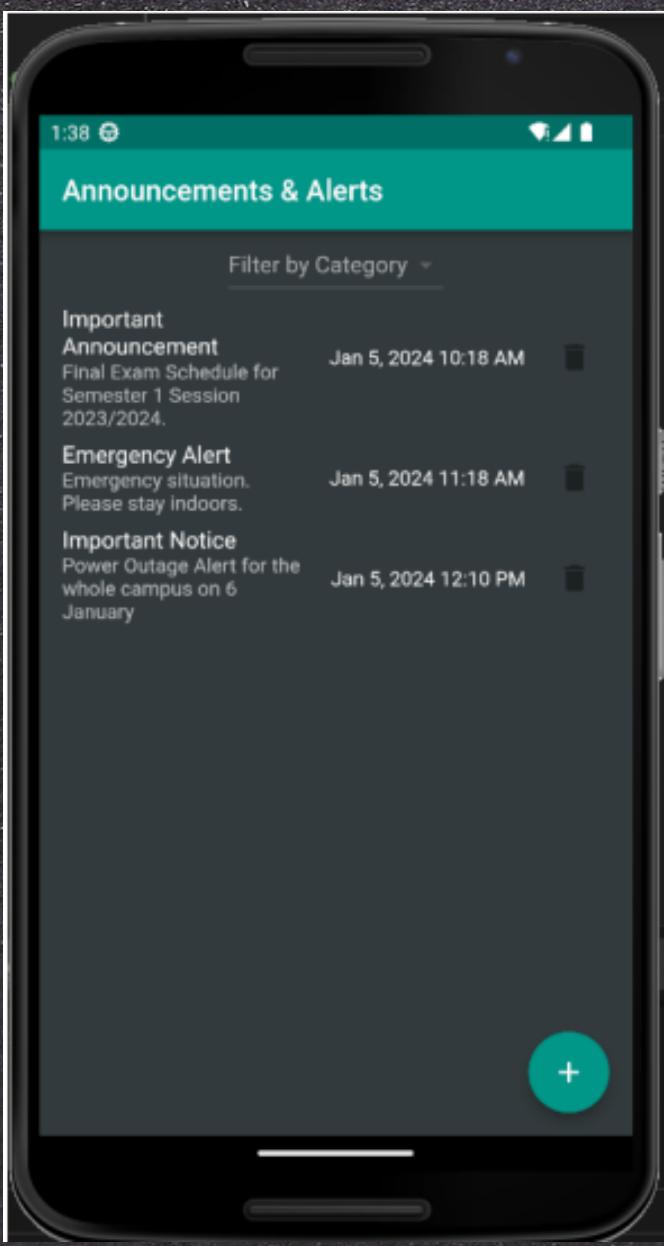


Initial Idea / Plan:

- I had originally intended to retrieve announcements and alerts straight from university email systems, but the requirement for a particular API presented unanticipated difficulties.



User Interface



Announcement
Feed

Categorization &
Filter

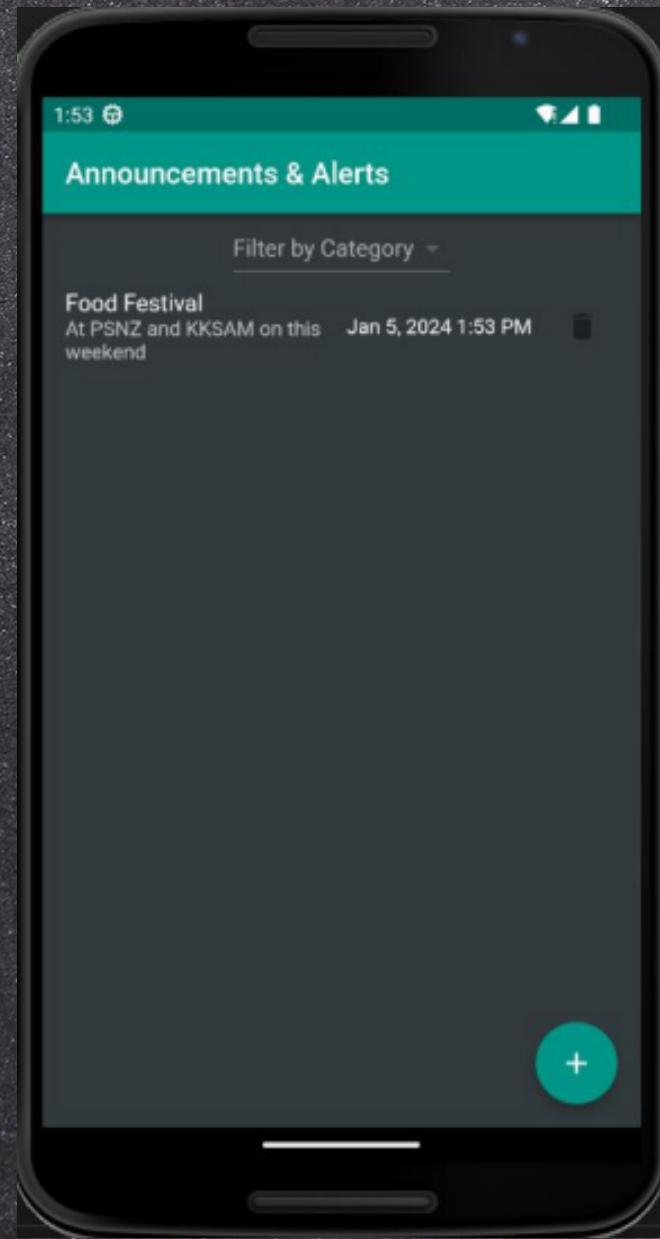
Academic
Category



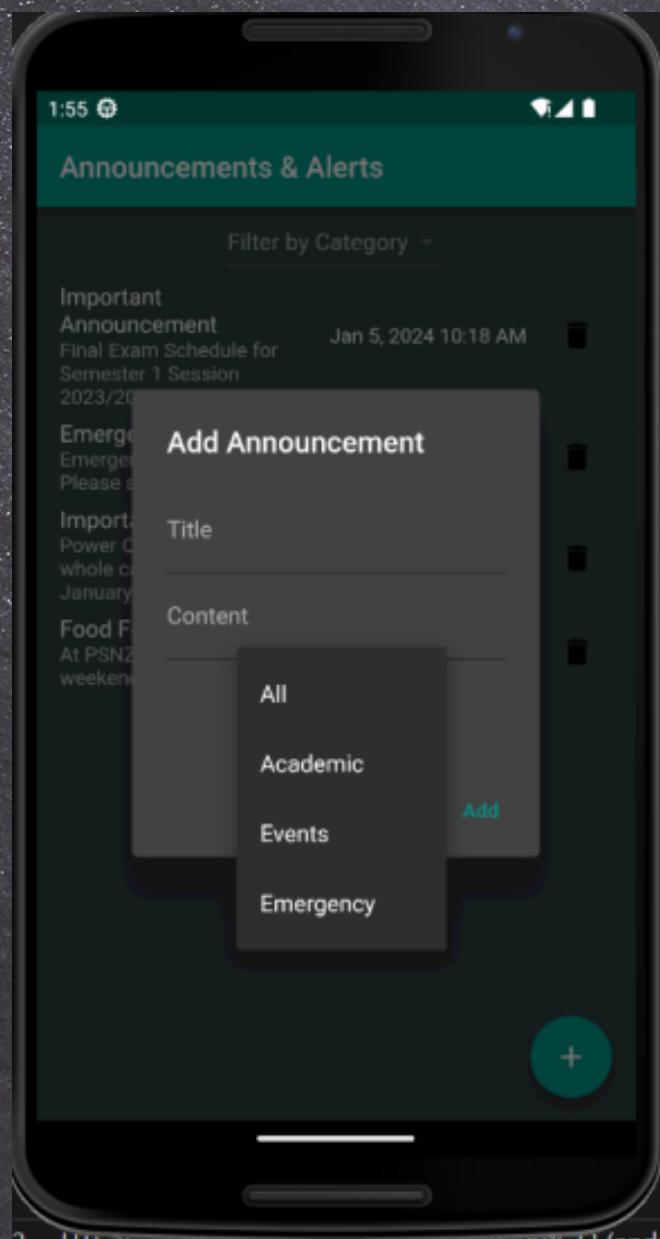
User Interface



Emergency Alerts



Events Category



Interactive
Announcement



THANK
YOU