

Description

Intended User

Features

User Interface Mocks

Screen 1

Screen 2

Key Considerations

How will your app handle data persistence?

Describe any corner cases in the UX.

Describe any libraries you'll be using and share your reasoning for including them.

Next Steps: Required Tasks

Task 1: Project Setup

Task 2: Implement UI for Each Activity and Fragment

Task 3: Your Next Task

Task 4: Your Next Task

Task 5: Your Next Task

GitHub Username: sknutti

Interview Scheduler

Description

Have you ever tried to keep track of appointments for your church or other organization? This app will help you manage those appointments, from making the initial appointment to rescheduling, reminders, and follow up. Never double book an appointment again!

Intended User

Organization secretaries that need to make and manage appointments for their group.

Features

- Schedule appointments
- Reschedule appointments
- Send reminders
- Send schedule to interviewers

User Interface Mocks

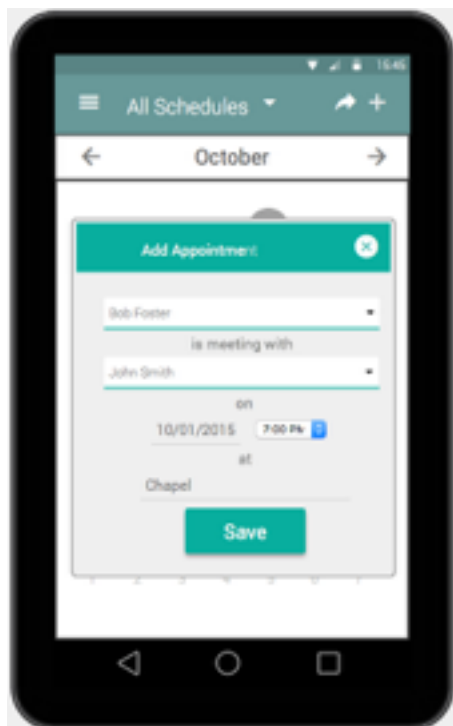


Screen 1

This is the initial screen showing a calendar for the current month. The circle denotes the current day and the red dates denote that there are appointments scheduled on those days.

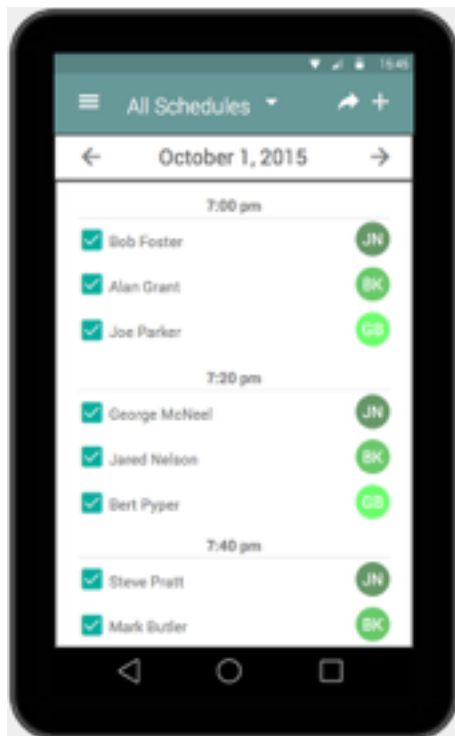
The user can:

- filter by all schedules or by individual interviewer schedules
- add a new appointment by clicking the plus icon in the upper right corner
- open the navigation drawer by tapping the hamburger icon in the top left.
- Send the schedule of interviews for the month to the filtered interviewers (if the schedule has already been sent, the app will only send recent changes)



Screen 2

This is the add appointment screen as a dialog. It allows the user to set the specifics of the appointment, such as the person being interviewed, the person doing the interview, date, time, and place.



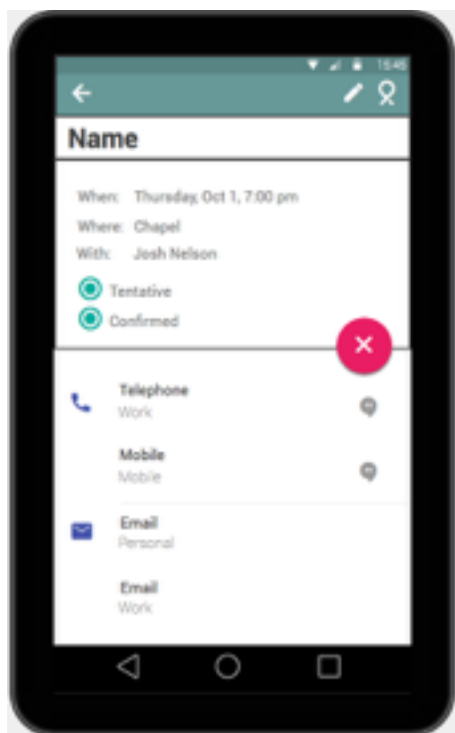
Screen 3

This is the Daily Schedule screen showing the list of interviews for the day. The checkbox will be checked if the appointment is confirmed. The user will be able to tap the checkbox to mark an appointment confirmed or unconfirmed if something has changed.

The user will also be able to do the same filtering, navigation or adding appointments from this screen.

The user will tap on the share icon to send the daily schedule to filtered interviewers.

The user will tap on a name to see the details about the appointment.

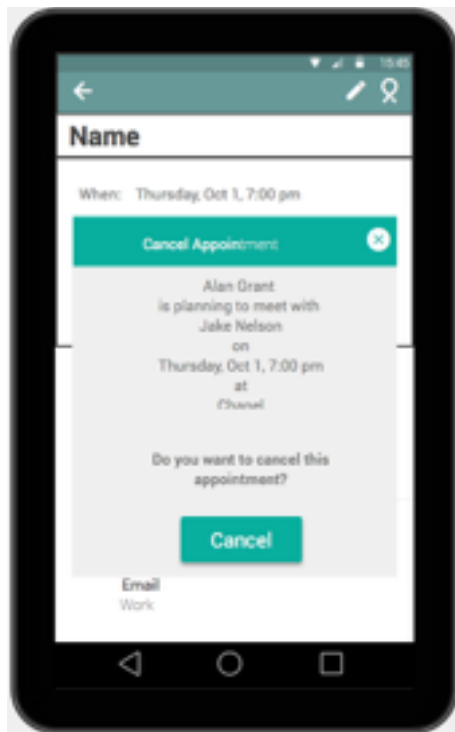


Screen 4

This is the Appointment Details screen showing the details of the interview. The top half shows the date, time, place and the interviewer as well as a radio button for the confirmation status. The bottom half of the screen shows the persons contact information. The user will be able to tap the FAB to cancel the appointment.

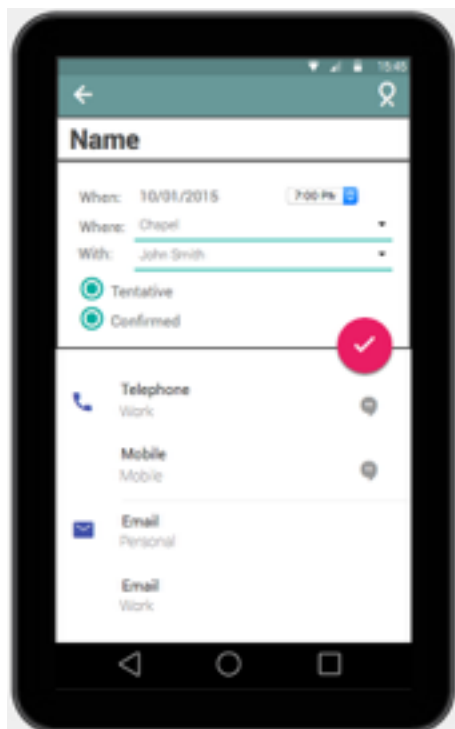
The user will also be able to edit the appointment details by clicking on the edit icon in the toolbar.

The user will be able to tap on the remind icon in the toolbar to send a reminder of the appointment to the person.



Screen 5

This is the Cancel Appointment screen showing the details of the interview. The dialog asks the user to confirm the fact that they want to cancel and delete this appointment. The user has the option to cancel this process by tapping the close icon in the dialog header bar.



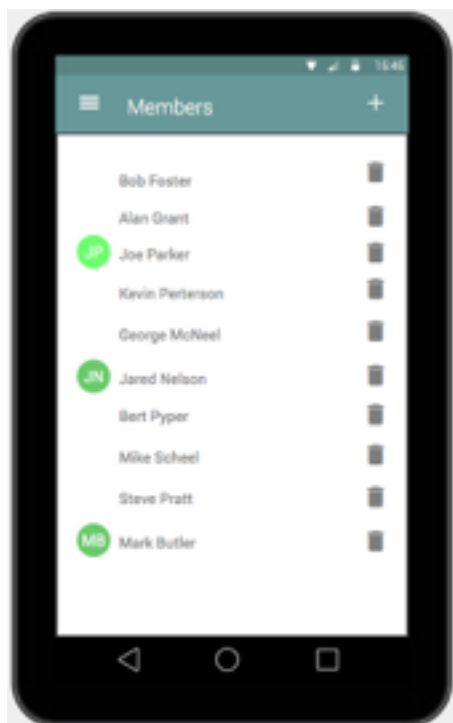
Screen 6

This is the Edit Appointment screen showing the details of the interview and allowing the user to change any of these details. The user will tap the FAB to save the changes made to the appointment. The user has the option to cancel this process by tapping the back icon in the toolbar.



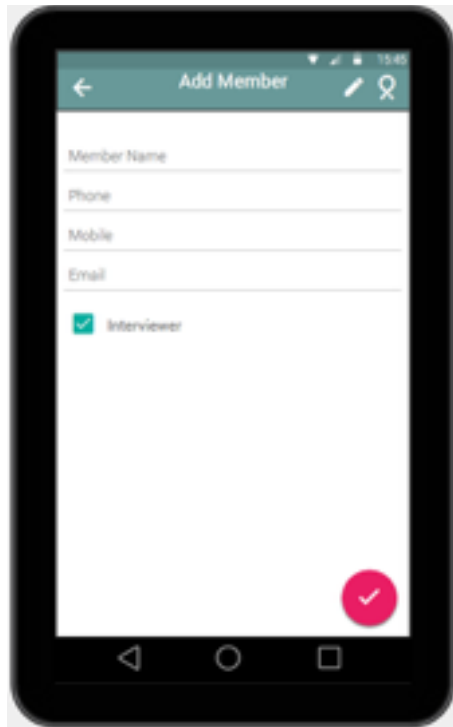
Screen 7

This screen shows the navigation drawer giving the user access to the different areas of the app. It also allows the user to logout of the app.



Screen 8

This screen shows the members list. This is a list of all those people who will be interviewed. It will also contain the interviewers as denoted by the colored icons with their initials. Tapping the name will allow the user to edit the member and tapping the delete icon will remove the member from the list.



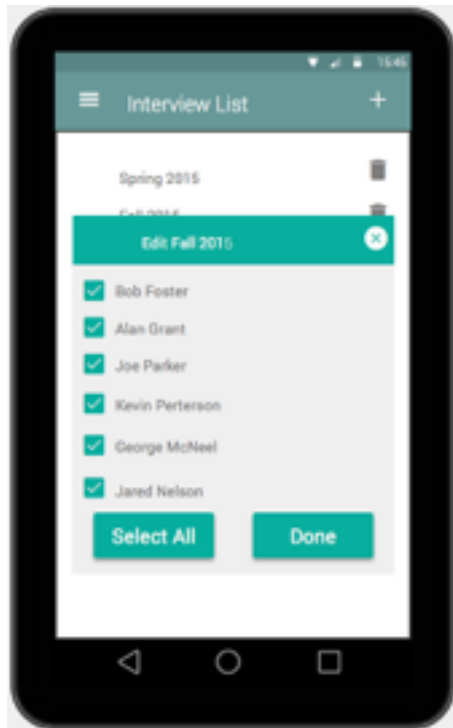
Screen 9

This screen shows the Add Member screen. This allows the user to add a new person to the app to be used when creating appointments. The Edit Member screen will look exactly the same as this screen.



Screen 10

This screen shows the Interview List screen. This allows the user to create a list of individuals needing to be interviewed.



Screen 11

This screen shows the Add Member To List dialog. This allows the user to add or remove multiple people to the current interview list.

Key Considerations

How will your app handle data persistence?

The app will have a Content Provider for local data persistence built specifically for this app. It may also interface with the Calendar content provider.

Describe any corner cases in the UX.

I can't think of any corner cases yet.

Describe any libraries you'll be using and share your reasoning for including them.

I plan to use an SMS library like android-smsmms (<https://github.com/klinker41/android-smsmms>) and an email library like BackgroundMailLibrary (<https://github.com/kristijandraca/BackgroundMailLibrary>) in order to send reminders and schedules. I plan to also use libraries like RxJava and RxAndroid.

Next Steps: Required Tasks

Task 1: Project Setup

- Create the Android Studio project and configure the project with things like a .gitignore file and a github repository
- Start working on a README file
- Add libraries to the build.gradle file

Task 2: Implement UI for Each Activity and Fragment

- Build UI for the Schedule screen
- Build UI for the Navigation Drawer
- Build UI for the Add Appointment dialog
- Build UI for the Daily Schedule screen
- Build UI for the Appointment Details screen
- Build UI for the Edit Appointment Details screen
- Build UI for the Cancel Appointment dialog
- Build UI for the Interview List screen
- Build UI for the Add Member to List screen
- Build UI for the Add/Edit Member screen
- Build UI for the Notification settings screen
- Build UI for the Settings screen

Task 3: Build ContentProvider

- Design the database tables and create the contract files
- Build data model objects that will make up the main data models
- Build the DbHelper file
- Build the provider file

Task 4: Implement the Member Activities

- Build activity for listing members
- Build activity for adding member
- Build activity for editing member
- Build activity for removing member

Task 5: Implement the Add Appointment Dialog

- Build activity for saving an appointment
- Enhance appointment activity to allow editing and removing

Task 6: Implement the Daily Schedule Activity

- Enhance appointment activity to list appointments

Task 7: Implement the Appointment Details Activity

- Build activity to display appointment details

Task 8: Implement the Remind Service

- Build service to use SMS and/or email library to send reminder to person
- Create SMS template and email template to use for reminders

Task 9: Implement the Share Schedule Service

- Build service to use SMS and/or email library to send schedule to interviewer(s)
- Create SMS template and email template to use for schedules

Task 10: Implement the Interview List Activity

- Build activity to list members needing interviews
- Add ability to add and remove members to a list

Task 11: Implement the Notification Settings Activity

- Build activity to allow the user to set settings for notifications

Task 12: Implement the Settings Activity

- Build activity to save and edit settings

Task 13: Testing

- Create a test build variant
- Write unit tests to test business logic

Task 14: Finalization

- Create a release build variant
 - Sign the release build
 - Push app to the Play store
-