How to Use this Template
1. Make a copy [File → Make a copy...]
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Submission Instructions
1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"

GitHub Username: SebastianKlaiber

Snow

Description

An extensive and very useful App for all winter sports enthusiasts!
The focus is on the Austrian, German ski resorts.

- Price Info to ski passes
- Contact Information

- Snow Conditions
- Snow Quality
- Skiable slopes
- Open lifts
- Ski Maps
- Current Temperature

Intended User
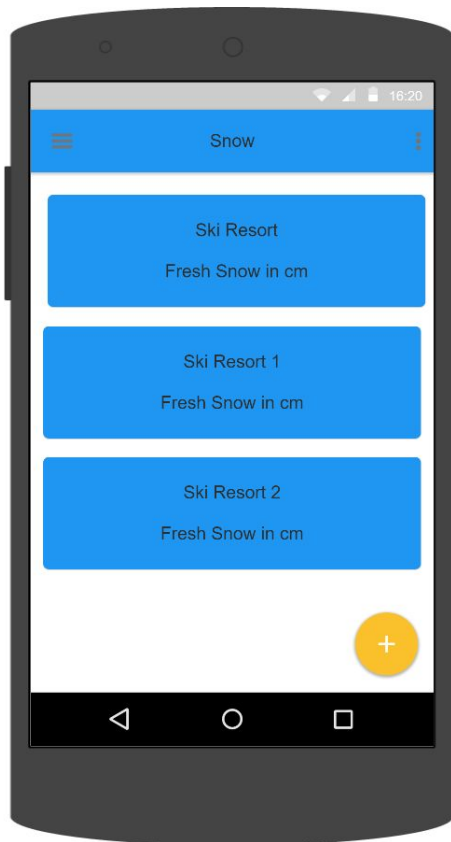
Snowboarder, Skier

Features

List the main features of your app. For example:
- Saves information
- Show Resort in Maps
- Use Google Location Service

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.
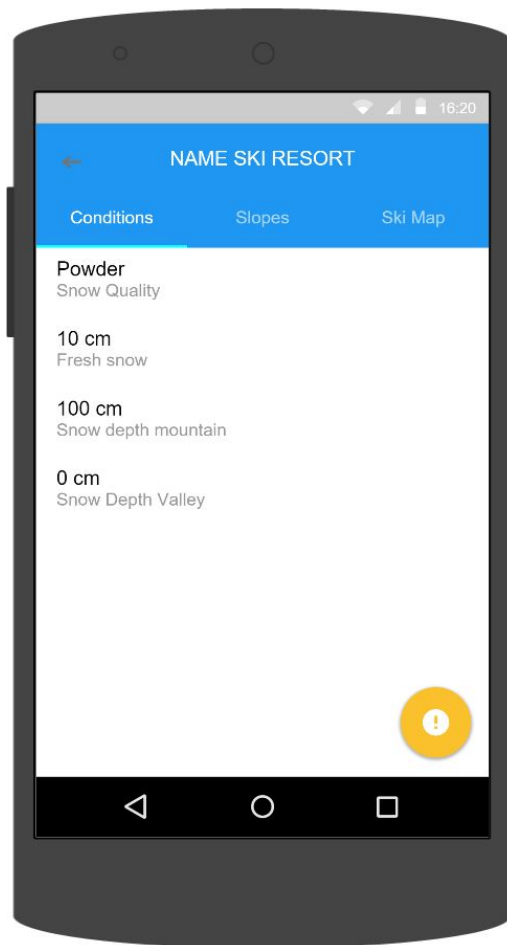
Screen 1

Replace the above image with your own mock [click on the above image, then navigate to Insert → Image…]
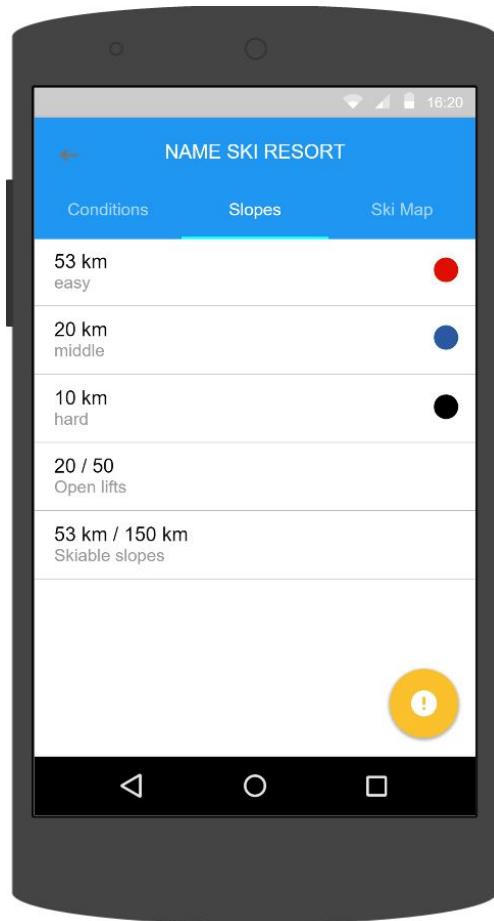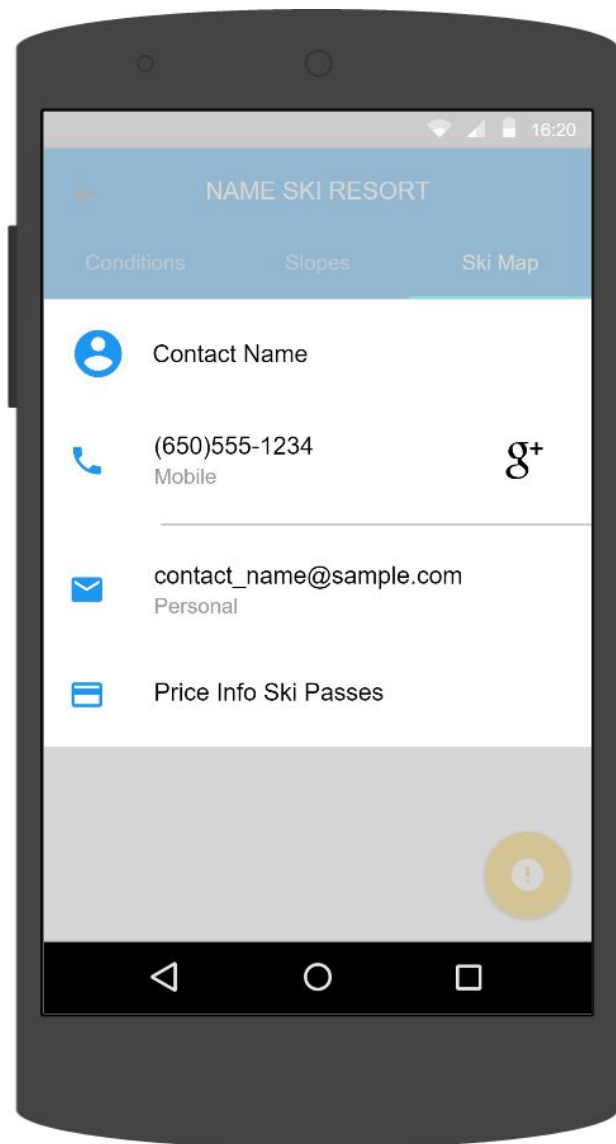Provide descriptive text for each screen

Screen 2

Replace the above image with your own mock [click on the above image, then navigate to Insert → Image…]
Provide descriptive text for each screen

NAME SKI RESORT

Conditions   Slopes   Ski Map

53 km
easy

20 km
middle

10 km
hard

20 / 50
Open lifts

53 km / 150 km
Skiable slopes

16:20

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

Google Cloud Endpoint to define a RESTful API
Save Favorite Resorts in a Database using a Content Provider

Describe any corner cases in the UX.

I don't see any corner cases

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

Retrofit, Picasso, Butterknife, GooglePlayServerices

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

- Configure Android Studio and git repository
- Configure Libraries

Task 2: Implement Backend

- Add an App Engine Module
- Configure RESTful API

Task 3: Get Data from Backend

- Implement Retrofit Library

Task 4: Implement Content Provider

- Save Favorite Resorts in Database

Task 5: Implement UI for Each Activity and Fragment

- Build UI for MainActivity
- Build UI for DetailActivity

Task 6: Implement Google Play Services

- Implement Google Maps
- Implement Location

Task 7: Implement Intent

- Call Ski Resort
- Show Website
- Send E-Mail
- Show Location in Maps

Add as many tasks as you need to complete your app.

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