GitHub Username: JarvisMcFace

 Description

Our team at Bluegreen has provided professional carpet cleaning in Madison, WI for over 25 years. We have made it our mission to simplify your life by beautifying and preserving your indoor environments. Residential Carpet Cleaning team of IICRC certified carpet cleaning technicians have been trained in professionalism, as well as our excellent cleaning process. Our residential services include: carpet cleaning, tile & grout cleaning, upholstery cleaning, wood floor cleaning, and wood floor renewing. Our commercial services include: carpet cleaning, tile & grout cleaning, tile & grout protection, marble polishing, vinyl flooring, and oriental rug washing.

If you are looking for premier carpet cleaning in Madison, WI then look no further than Bluegreen. Our goal is to become Wisconsin's premier floor care company by creating a reputation of respect and trust with our team, our partners, and our clients.
Intended User

Customers who are seeking information about BlueGreen Floor Care, contact information and floor care estimates in the Madison WI area.
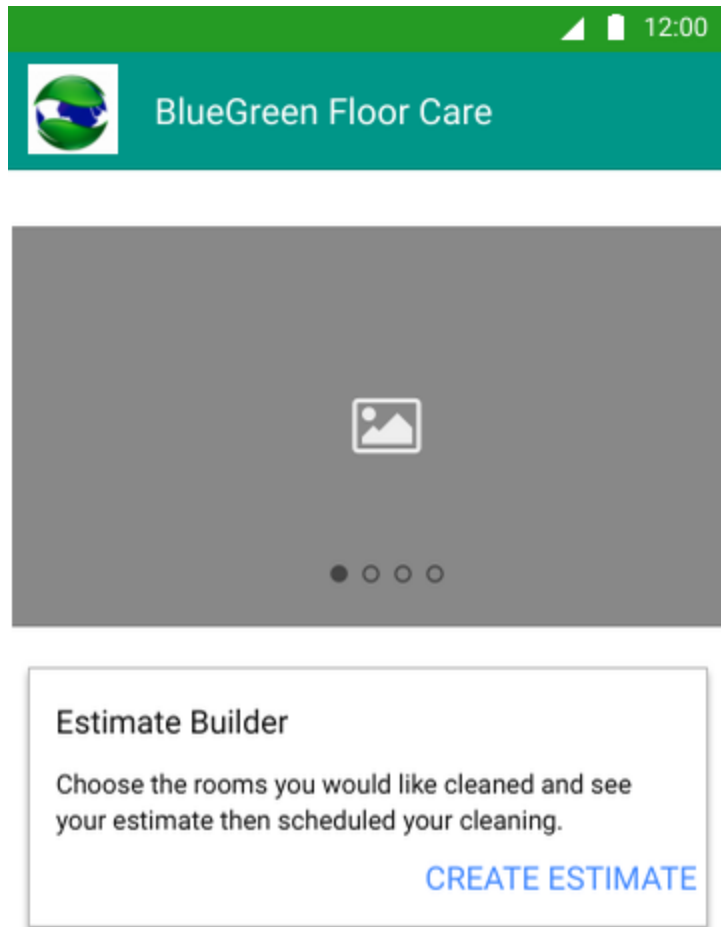
Features
- Floor Care Estimator
    - Bedroom
    - Kitchen
    - Living
- Submit Estimate Quote

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

Screen will provide static content through a viewpager on what services BlueGreen offers. The Option to create an estimate will open screen two

Screen 2

Screen will initially start out with the checkbox options to choose what service is intended for the quote. Tapping on the Carpet checkbox will open a Modal Popup to choose what rooms are needed in the quote

Carpet to Clean

☐ Living Room

☐ Dining Room

☐ Den/Office

☐ Bedroom - Master

☐ Bedroom 2

☐ Family/Great

☐ Recreation Room

☐ Stairway Landing

☐ Hallway

☐ Additional Room 1

☐ Additional Room 2

Screen 3 - Modal popup for rooms
Choosing the checkboxes and pressing a SAVE button will navigate back to Screen two, where a summary of rooms will be shown.

Screen 4 - Address Screen modal
Will allow for input of address

Screen 5 - Estimate builder Screen
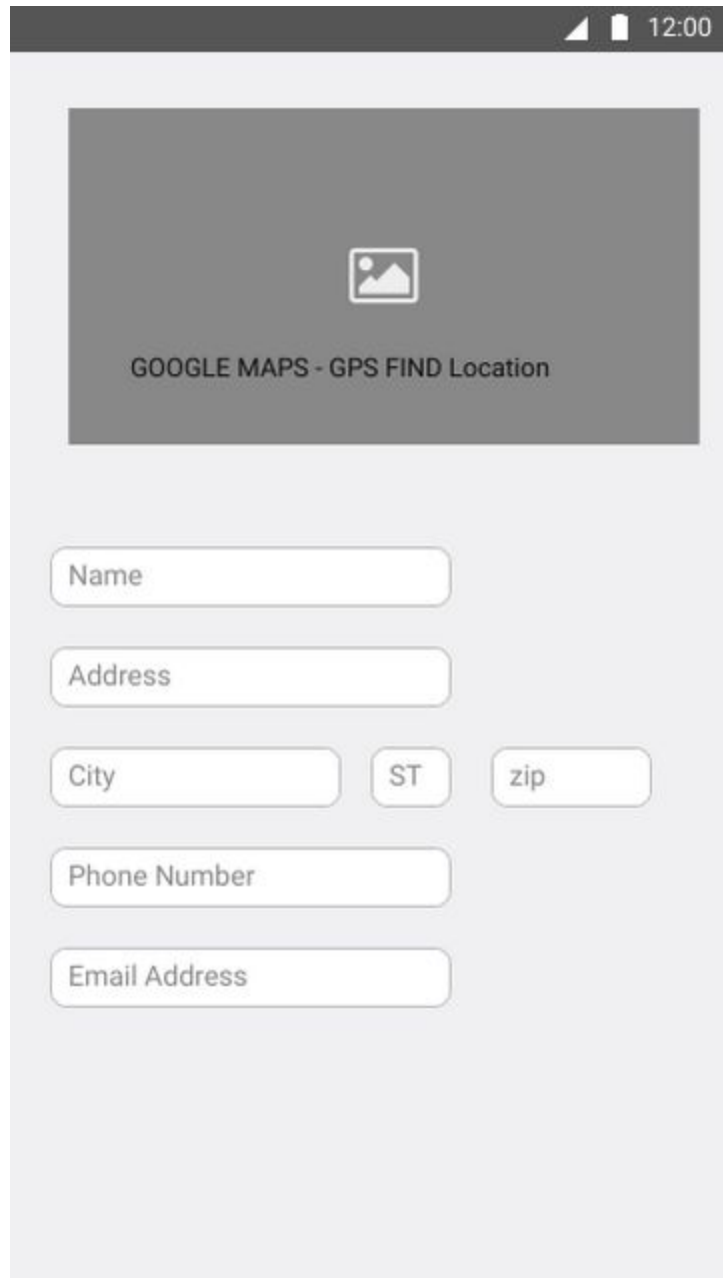
Will allow input for each room providing an estimated price and option to submit the quote.

Screen 6 - Address Entry

GOOGLE MAPS - GPS FIND Location

Name

Address

City   ST   zip

Phone Number

Email Address

Screen 7 - Widget
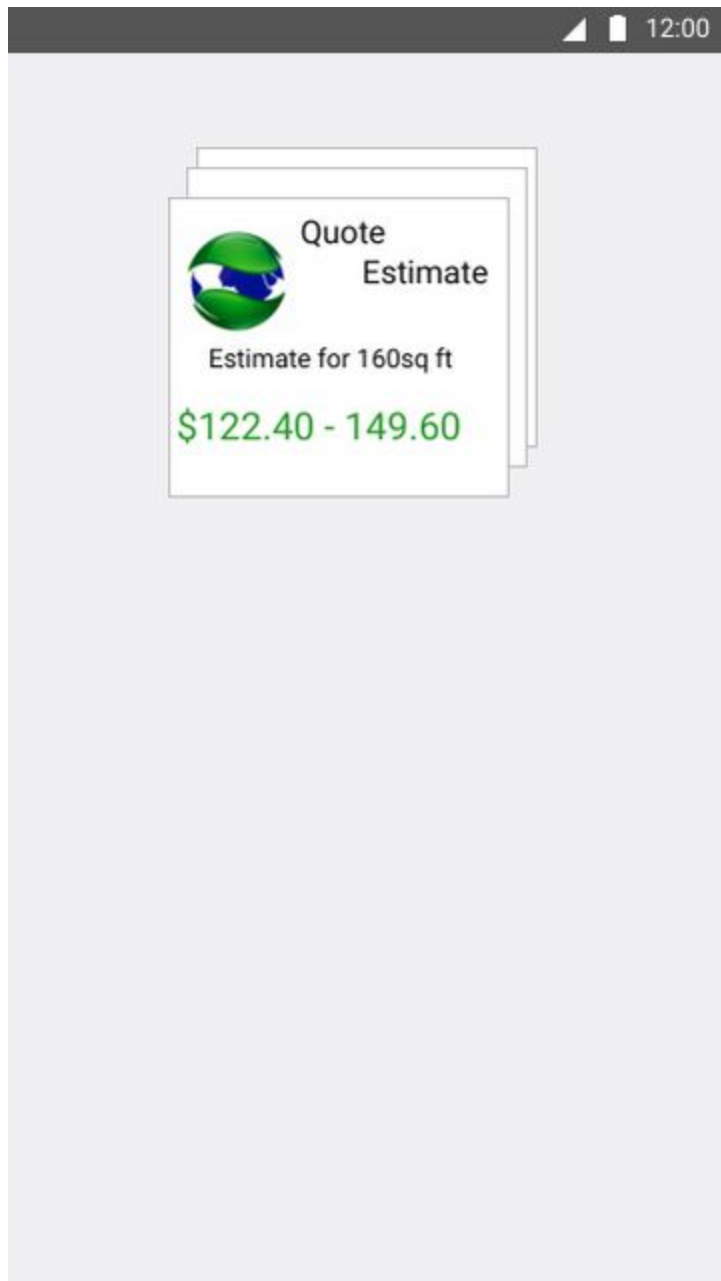
Quotes will be saved on app exit until quote is saved

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

OkHttp to get configuration file for quotes
GLIDE for images

Describe how you will implement Google Play Services.

Describe which Google Play Services you will use and how.

Google Maps - show location of carpet cleaning
Firebase Analtyics

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

Add library
Add project to Firebase and generate json
Obtain API key for Google maps
Determine min sdk

Task 2: Implement UI for Each Activity and Fragment

HomeActivity
- Setup Viewpager with images
- Setup Content Provider to save to local device
- Configure Firebase
- Create CardView for Quote
- Left navigation for options and previous quotes

Estimate Builder Activity
- Fragment - Modal popup- to choose what room should be clean
- CardView to view what Rooms and option to modify rooms
- CardView to review Address

EstimateBuilderRoomDetailsActiivty
- Card View for each room with estimated price calculation

AddressInputActivity -

Collect Address information

Review Screen

- Review Quote before submission

Task 3: Your Next Task

Google Play Services (Google Maps, Analytics
Form input validation
Calculations for Quote
Content Provider Setup
Handle network errors

Task 4: Your Next Task

● Create Modal layout
● Create CardView
● Create CardView for different rooms quote
● Google Maps GPS StreetView lookup
● Form Flow, handle back press
● Quote review
● OnDestroy of Quote save data to sharedpreferences so that quote can continue if app closes unexpectedly.
● Utilize Android loader manager to populate existing quote history

Task 5: Async Task to pull quote prices
● Store quote prices on a configuration server to allow price changes
● Pull updated prices at app launch

Capstone_Stage1.pdf"