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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: marcusbecker

Tanque Cheio

Description

Saiba quanto você gasta para abastecer seu veículo mantendo um histórico dos valores e postos de combustível utilizados. Compartilhe e acesse valores dos postos compartilhados por outros usuários.

Intended User

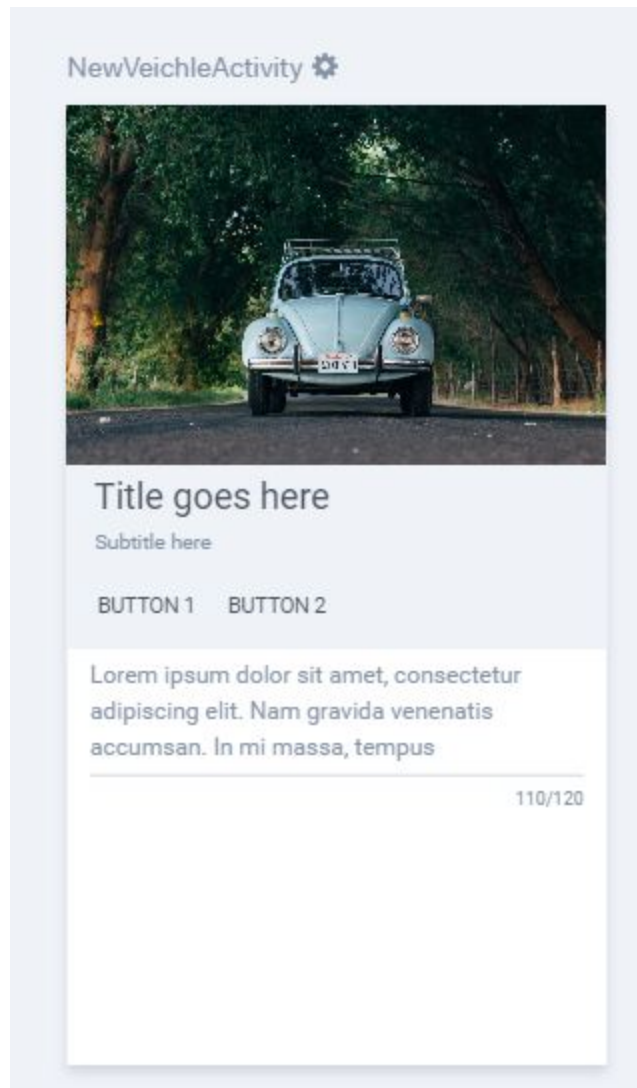Donos de veículos movidos à combustível fóssil.

Features

- Cadastro de veículos com foto
- Armazenamento das informações de abastecimento
- Mapa permitindo visualizar os postos utilizados
- Gráfico dos gastos do mês

User Interface Mocks
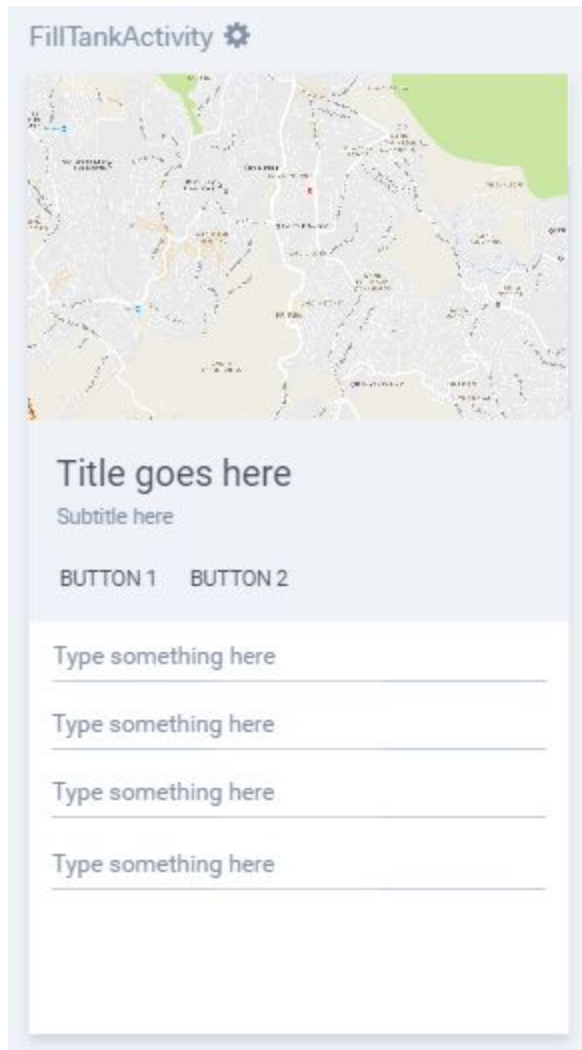
Screen 1

Screen 2

NewVeichleActivity ⚙

Title goes here
Subtitle here

BUTTON 1   BUTTON 2

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam gravida venenatis accumsan. In mi massa, tempus

110/120

Screen 3

FillTankActivity ⚙

Title goes here
Subtitle here

BUTTON 1   BUTTON 2

Type something here

Type something here

Type something here

Type something here

Key Considerations

How will your app handle data persistence?

As informações providas pelo usuário (cadastro de veículos e informações sobre o abastecimento) serão persistidas usando o SQLite, sendo acessadas via ContentProvider. Informações adicionais também serão persistidas em SQLite, mas serão obtidas através de consumo de serviço (Json) e atualizadas automaticamente (JobScheduler).

Dados anônimos poderão ser compartilhados via serviço (Local de abastecimento, tipo de combustível e valor) de acordo com a preferência do usuário.

- Content Provider
- WebService

Describe any corner cases in the UX.

Listagem dos abastecimentos realizados na tela principal.
FAB button para cadastro de abastecimento.
AppBar com item para cadastro de veículo e preferências do aplicativo.

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

- Picasso
- Gson
- OkHTTP

Describe how you will implement Google Play Services.

- Google Maps
- Google Analytics
- AdMob

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 project
- Configure libraries
- Configure Google

Task 2: Data Persistence

- Tabelas SQLite
- Content Provider

Task 3: WebService Consume

- Implementação modelo WebServices
- Consumo WebServices
- JobScheduler

Task 4: Implement UI for Each Activity and Fragment

- MainActivity
- NewVehicleActivity
- FillTankActivity
- Preferences

Task 5: Google Play Services

- Google Map
- GPS location
- AdMob
- Analytics

Task 6: Publication

- Clean Code
- ProGuard
- Playstore

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

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