APPLICATION DEVELOPMENT FOR MOBILE AND UBIQUITOUS COMPUTING

MEMOSONG

Group No. 9
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Dresden - 3.11.17

APP SCENARIO

▸ Each Song is part of memories of so many people.

▸ Since Spotify is the most prominent music platform with more than 60 million subscribers. It could be the best place for making **Memories** permanent forever.
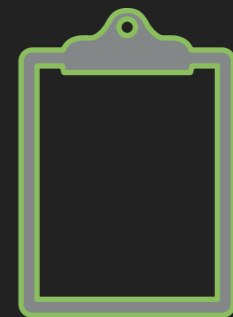
▸ People could share their memories with people who like

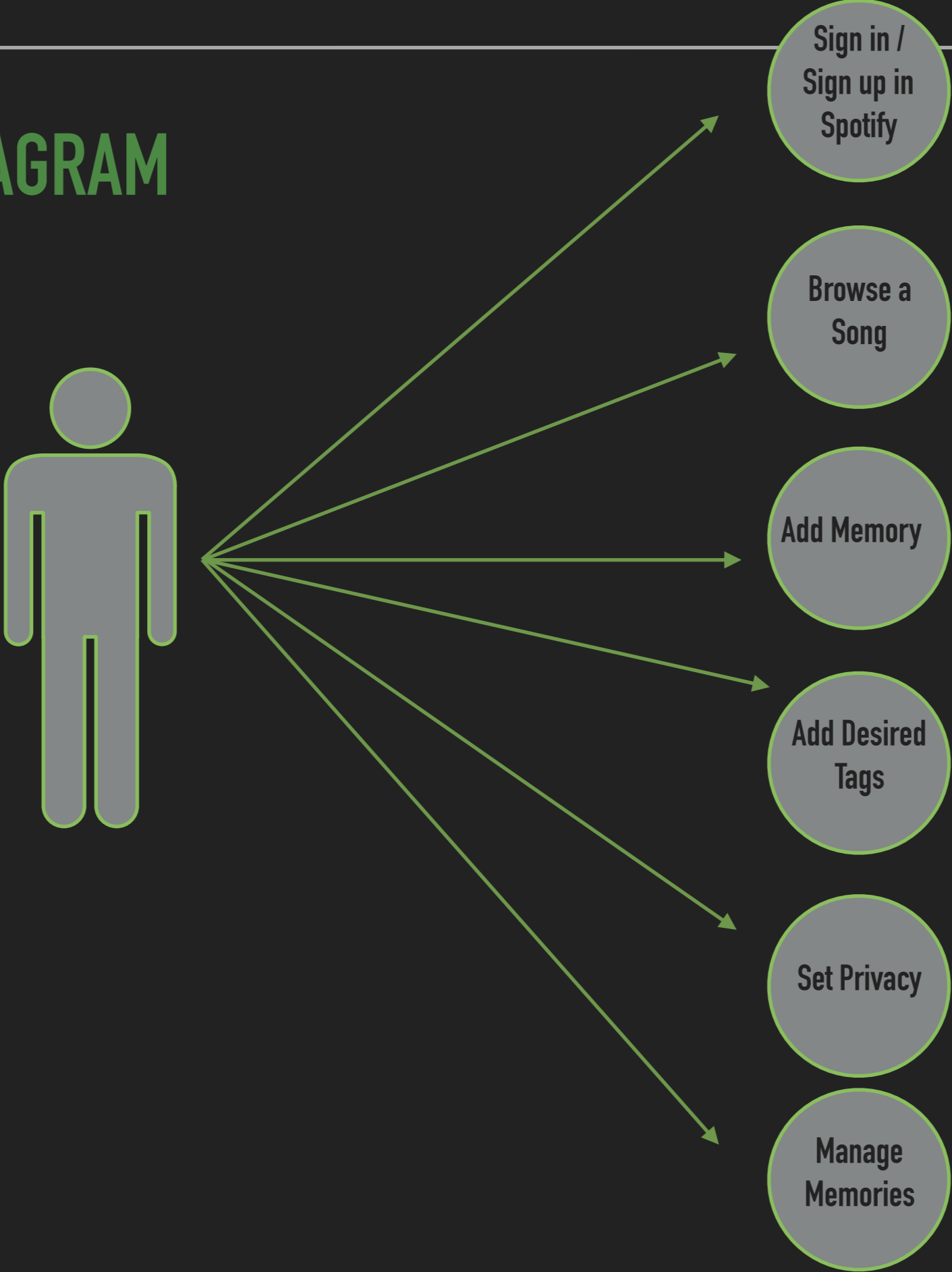Tag your friends   Share the date   Checkin the location   Write the memory
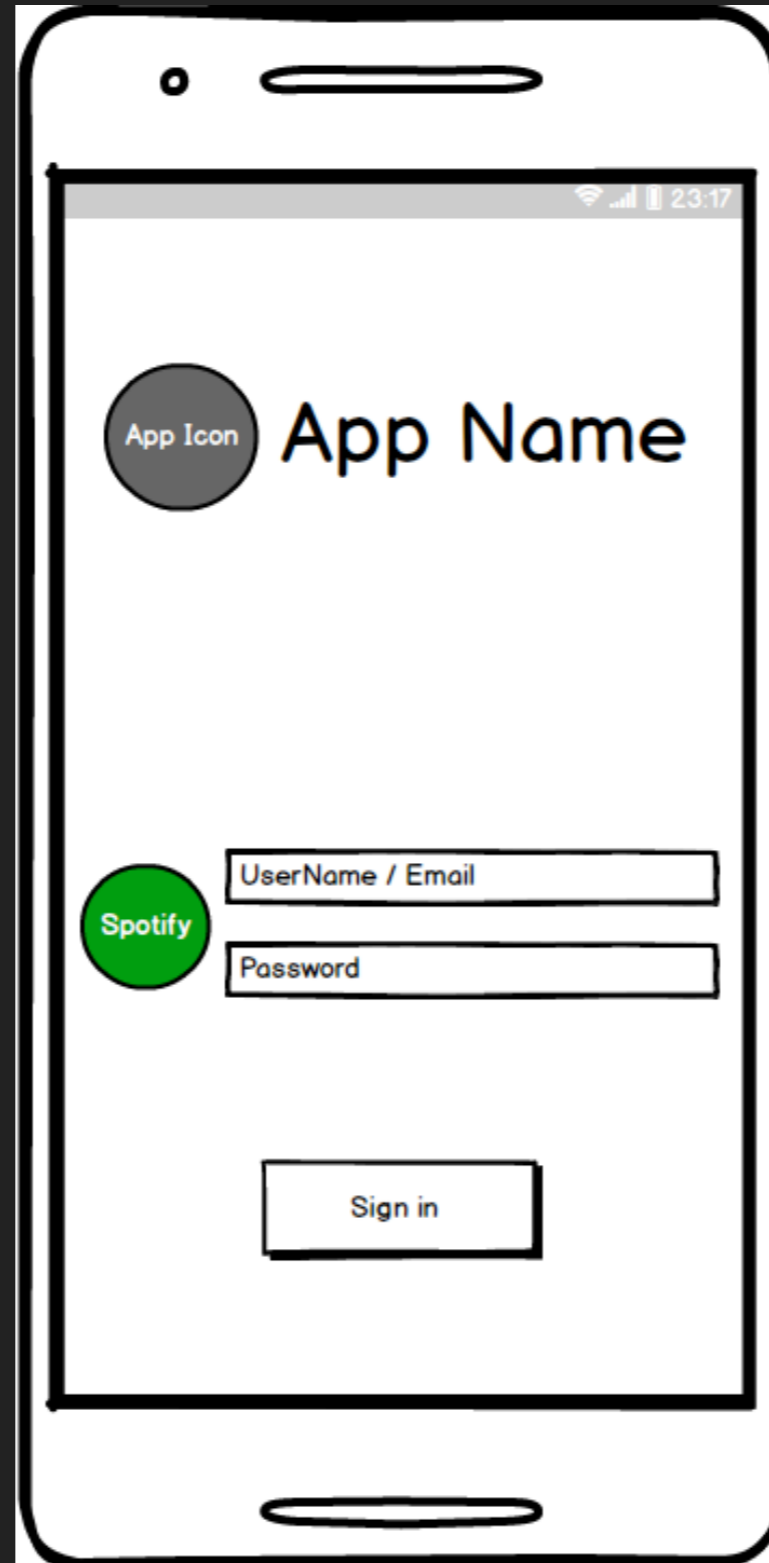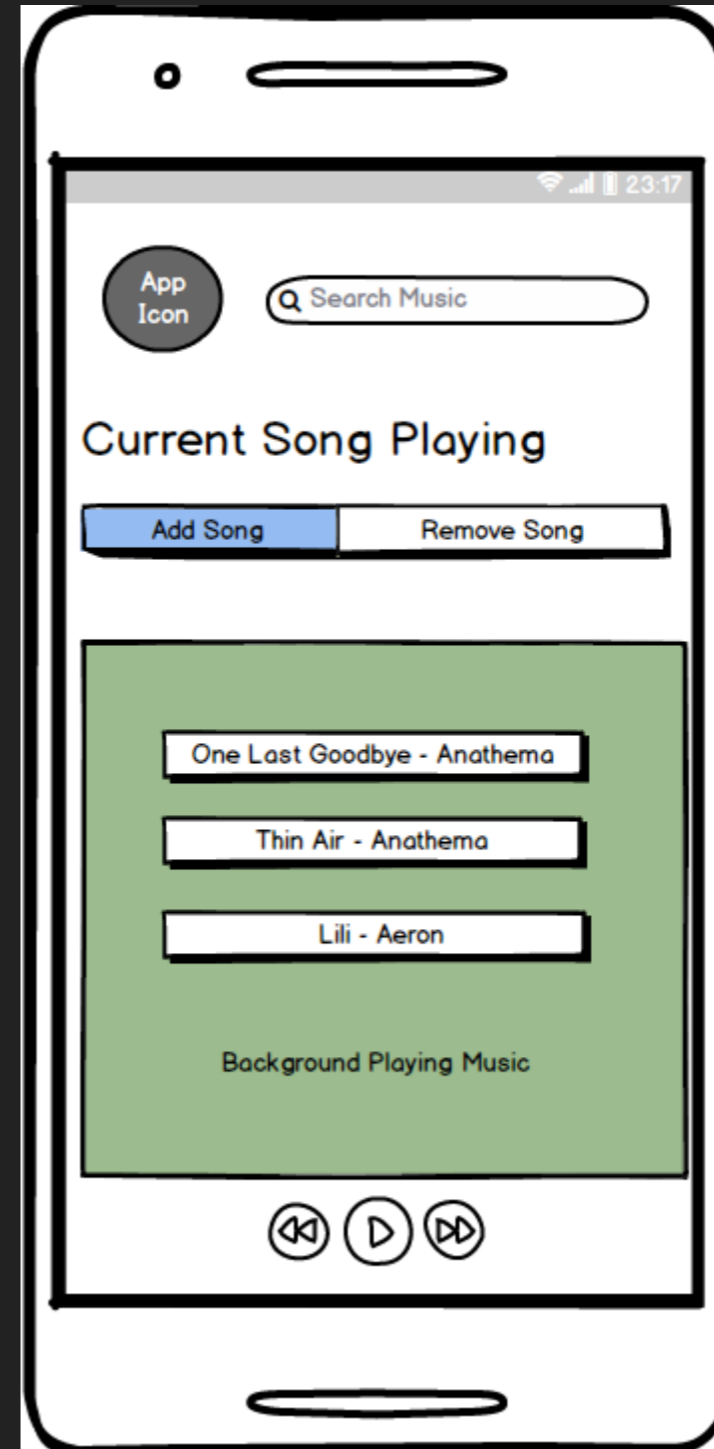
USE CASE DIAGRAM

MOCKUPS

MOCKUPS

TECHNOLOGIES

▸ OS: Android OS

▸ Language: Java

▸ Framework: Android Studio

▸ Git Version Control

▸ Balsamiq for mockups

▸ Spotify API

▸ Google Calendar - Google Maps

▸ WebServer as a Backend with a Database Providing REST-API

CHALLENGES

▸ **Connectivity/Offline Challenge**

   caching memories information

   batching memories

▸ **Location Permission**

   validation of locations
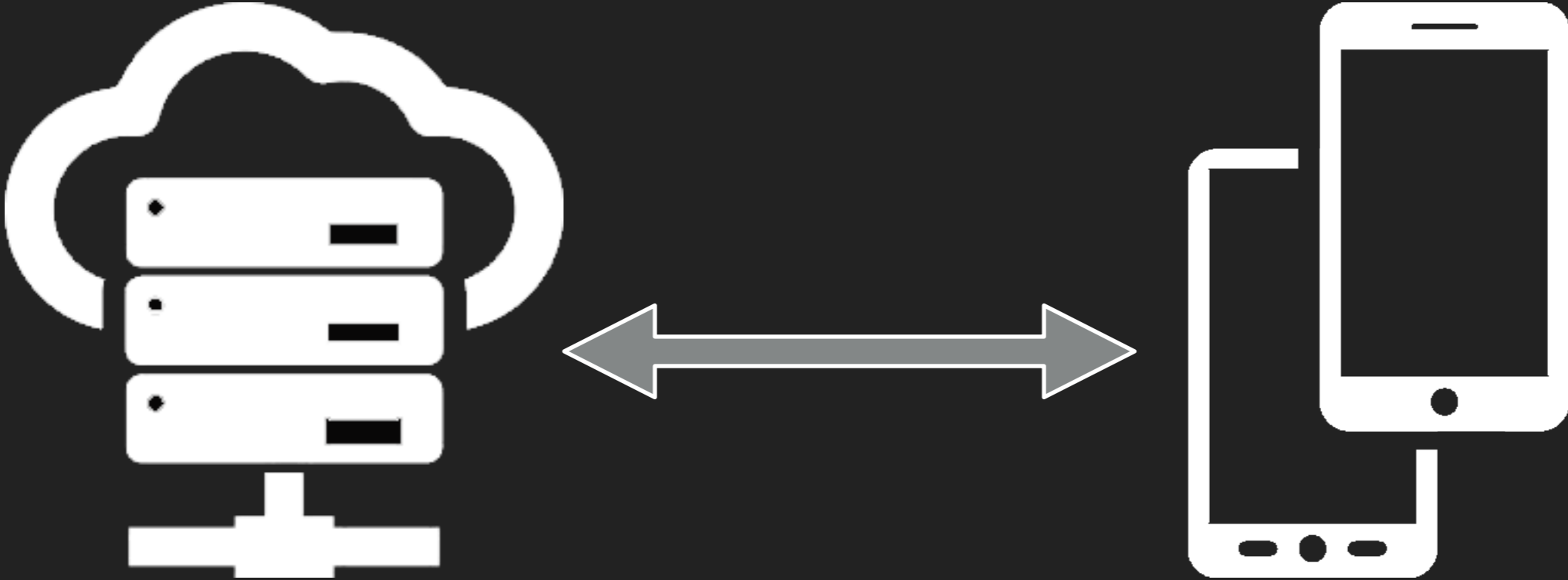
▸ **Usability Challenge**

   Easy to use, good user experience

   Readable memories

▸ **Communication Challenge**

   Sending notification to the tagged user

ARCHITECTURE

WORK PLAN

NOV 2017

Front End

login

Simple Connection to Spotify API

Mockup JSON requests

1.11 - 29.11

30.11 - 7.12

UI Design

Form Preparation for Adding Memories

Timeline / Booklet Presentation

Back End

Database Connections

Search Ability

8.12 - 20.12

Add/Remove Memories Feature

WebServer

WORK PLAN

JAN 2017

1.1 - 20.1

Completing

Completing Application Components

Enhancing Backend

Test / Bug fixing

Ready to use

20.1 - 26.1

Enhancing UX/UI

Preparation for Release

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QUESTIONS?