**Design Document**

Storyboard Application Android

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# Project Overview

## Potential Names

* + Canvas Puppet
  + Storyboard Puppet
  + Dreamy Board
  + Dreem board
  + Stick board
  + Dream Puppet

## Abstract

## Background

## Objective

# System Level Design

## System Requirements

### App

## Functional Requirements

### Main Menu

Displays the navigation buttons to access features to create and develop storyboards.

### Settings

Allows the user to modify the app settings.

* Personal Information
  + Name
  + Screenname
  + Preference (Name vs. Screenname)
* Preferences
  + Main Title(s)
  + Types of Media(s)
    - Comics
    - Animations
    - Movies
* Backup/Export

### List of Saved Storyboards

Will load a list of storyboards created by the user to either edit or delete the item. The user may also create a new storyboard by interacting with a button.

### Create Storyboards

Will offer different formats to display the panels (2x3, 3x2, 3x4, etc.), each panel will have the following fields to fill:

* General
  + Description
* Motion
  + Shot Number
  + Type of Shot
  + Dialogue
  + Action
  + Sound
  + Timing

### Character Profiles

Allows the user to input information on a character they created, as well as its connection to other characters. The characters must be created for an existing title, which will prompt the option to check a list of fields they wish for each character to contain.

From here, the user will be given the following options:

* Create a New Character
* View Existing Characters
  + Edit Character
  + Delete Character

The given fields will be mandatory for each character:

* Name
* Description

The user will have the option to include these fields:

* Description Fields
  + Image
  + Date of Birth
  + Personality
  + Backstory
  + Goals
  + Story Role
  + Connection (Adds an existing character)
  + [Custom Text]

### Resources

Provides resources and diagrams for story-building.

* Story Planning
  + The Hero’s Journey
* Visuals
  + Color Theory
  + Composition
* Animation

### Image Input

The user will have the ability to upload images for storyboard panels and character designs.

## Nonfunctional Requirements

## Block Diagram

## Functional Decomposition

## System Analysis

# Detail Description

## I/O Specifications

## User Interface Specifications

## Hardware Specifications

### Android Device

### Third Party Software

## Software Specifications

### Operating System

### Server

# Conclusion

# References

[6 Elements of Design Composition (you should never leave home without)](https://www.sessions.edu/notes-on-design/6-elements-of-design-composition-you-should-never-leave-home-without/)

