LERUKA

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Software Architecture Document

Version <1.1>

LERUKA

Revision History

Date	Version	Description	Author
11/11/2015	1.0	Created SAD	all
02/12/2015	1.1	changed logical view	Ruth W.

Table of Contents

Software Architecture Document

1. Introduction

Purpose

This document provides a comprehensive architectural overview of the system, using a number of different architectural views to depict different aspects of the system. It is intended to capture and convey the significant architectural decisions which have been made on the system.

Scope

This document shows the architecture of our project LERUKA.

Definitions, Acronyms, and Abbreviations

SAD - Software Architecture Document

MVC - Model-View-Controller

References

n/a

2. Architectural Representation

Overview

tbd

3. Architectural Goals and Constraints

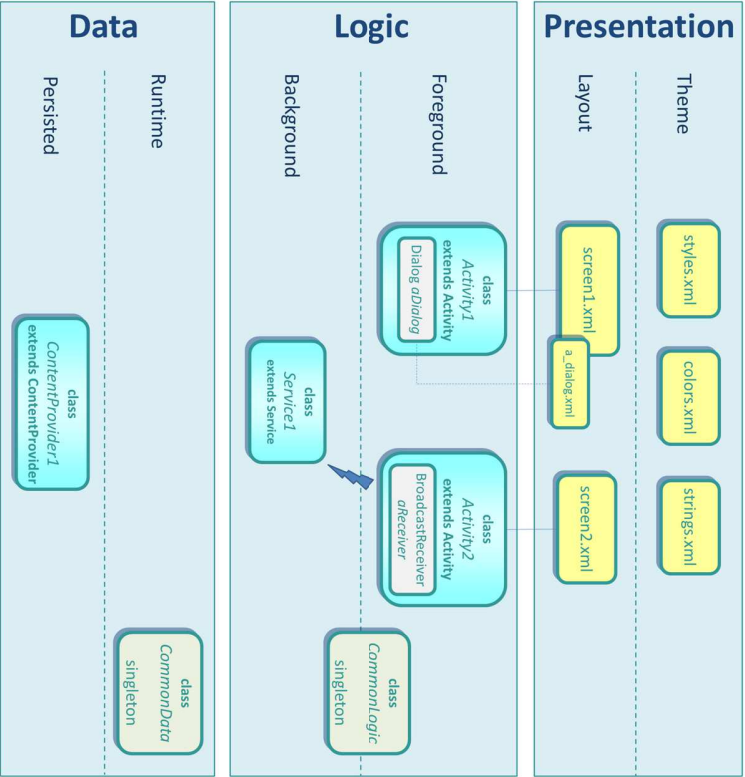For developing an Android APP the inherited Android MVC will be used.

We will use the inherited Android MVC. Which has the main goal to separate the view and the controller.

4. Use-Case View
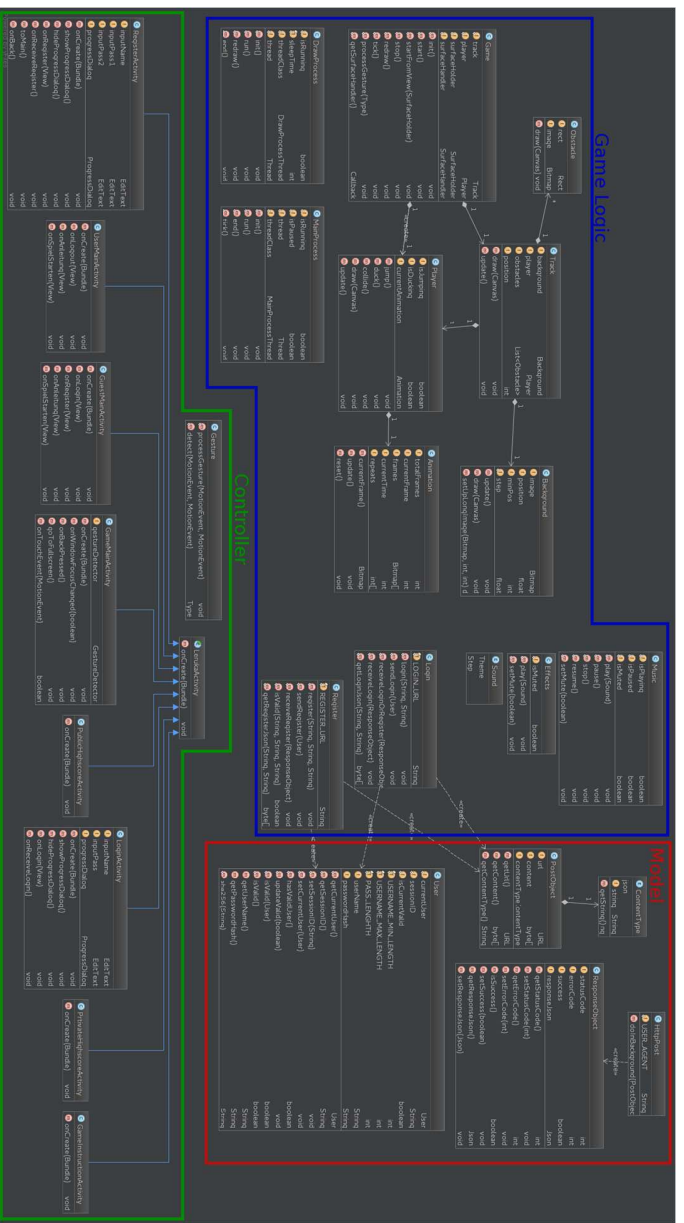
Use-Case Realizations

n/a

Presentation

Theme

Layout

styles.xml

colors.xml

strings.xml

screen1.xml

a_dialog.xml

screen2.xml

Logic

Background

Foreground

class
Activity1
extends Activity

Dialog *aDialog*

class
Service1
extends Service

class
Activity2
extends Activity

BroadcastReceiver
aReceiver

class
CommonLogic
singleton

Data

Persisted

Runtime

class
ContentProvider1
extends ContentProvider

class
CommonData
singleton

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[Here](#) you can see the graphic in full size.

6. Process View

n/a

7. Deployment View

tbd

8. Implementation View

Overview

n/a

Layers

n/a

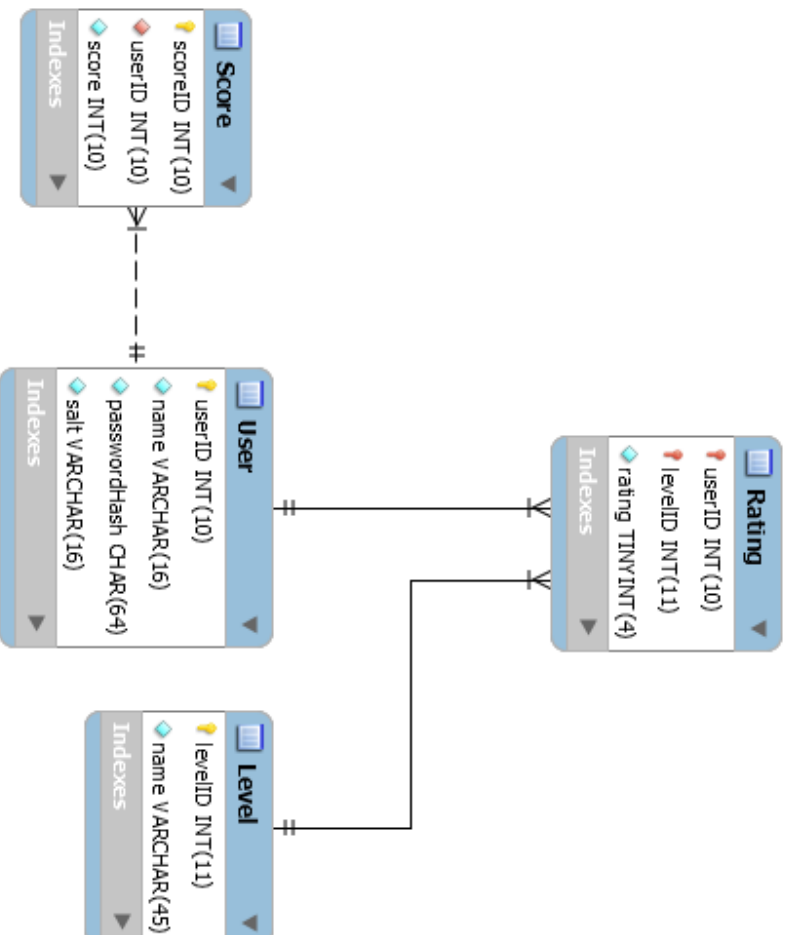**9.** **Data View (optional)**

10. **Size and Performance**

tbd

11. **Quality**

tbd