SAD

Software Architecture Document

in fulfillment of SOEN 6441 Fall 2017 – Ver. 1.0

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Team no. 17

Date	Rev.	Description	Author(s)	Contributor(s)
		Made Software Architecture	Sohrab Singh	
10/19/2017	1.0	document for the Risk Game.	Chawla	

Concordia University Montreal

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1. Architectural Representation

Use Case view

Audience: Risk game stakeholders

Area: describes the set of scenarios and/or use cases that are critical

to the architecture

Related Artifacts: Use Case Diagram

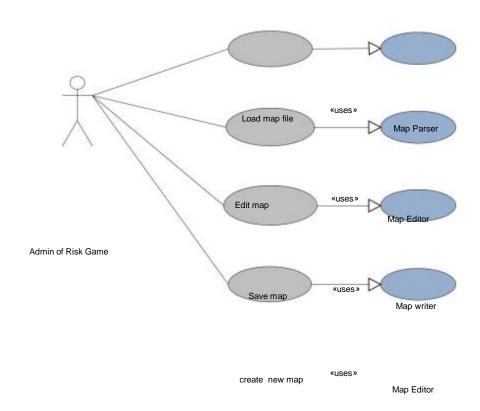
Implementation view

<u>Audience</u>: Risk game designers and programmers

Area: Functional Requirements, to assess functionality

Related Artifacts: Architectural diagram

1.1. Use-Case View

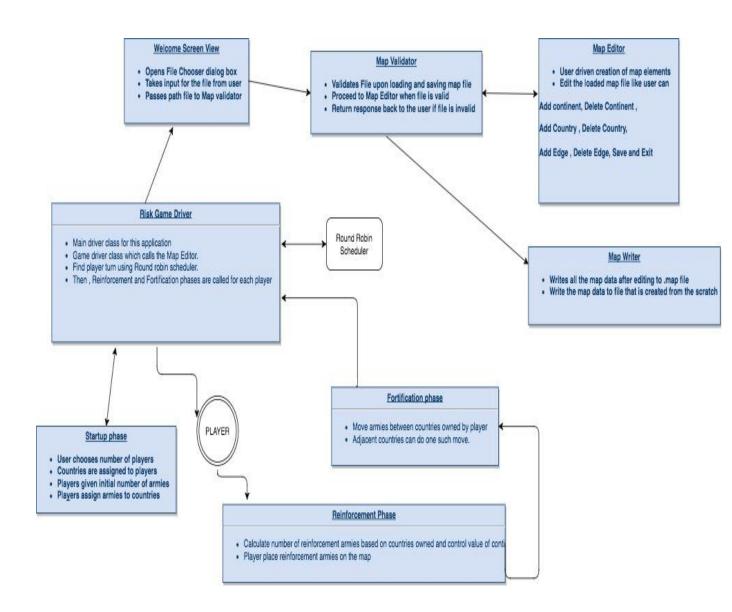


The following are the set of use cases that are architecturally significant to system:

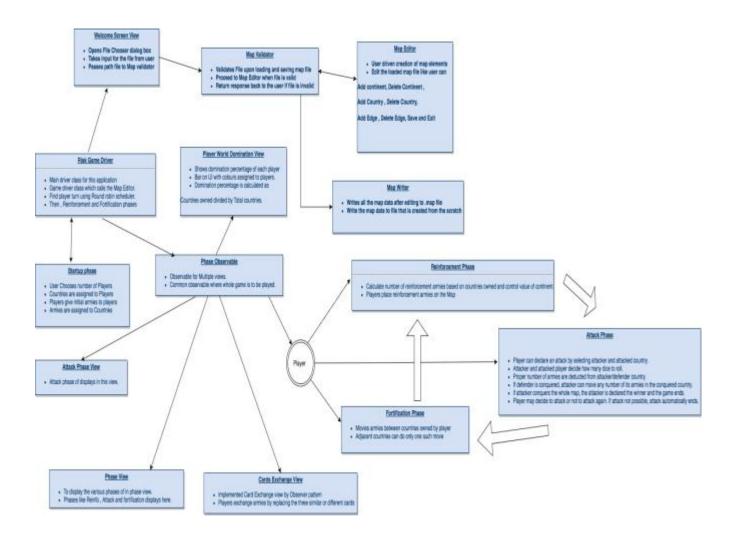
Admin Use Cases

- Load Map File
- Edit Map
- Save Map to File
- Create a new Map

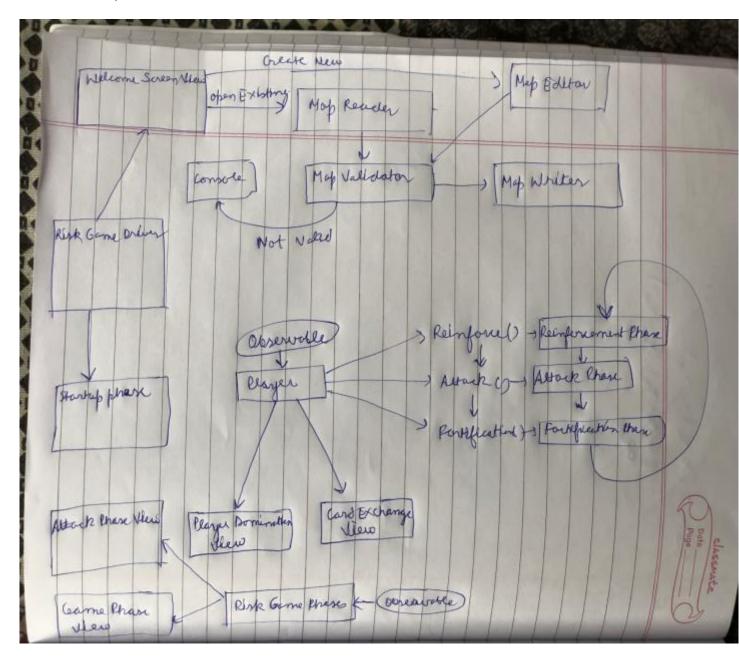
1.2 Build 1 Implementation View

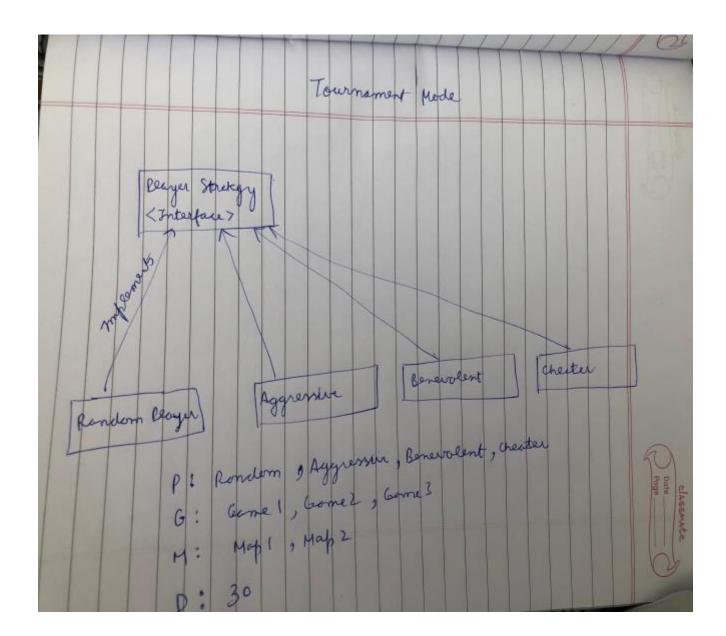


1.3 Build 2 Implementation View



1.4 Build 3 Implementation View





2. Packaging Structure

The following files directory structure describes the details of the hierarchy used to organize the java source files, class files, web pages.

Main Package	Comments	
com.game.risk	Root	
com.game.risk.core	Core classes like where all the logic resides like CountriesGraph ,MapReader , MapWriter	
com.game.risk.util	Utility Classes that are to be used in Reinforcement, Fortification phase resides here	
com.game.risk.model	Model classes like Country, Continent comes in this package	
com.game.risk.view	View classes resides in this package.	