

**Group Members:** Dan Nguyen, Michael DeBolt, Taylor Moede, Bryce Strickland

**Title:** Boulder Conquest

**Description:** Game built in Python based on the popular game Monopoly. The goal is to own all properties in Boulder.

**Vision Statement:** To bring fun and joy to the members of the Boulder community in a game which they are represented by.

**Motivation:** To get a further grasp on a language that we have only briefly exposed to

**Risks:** Not much experience in Python  
No experience in game making or graphics

**Mitigation Strategy:** Watch a lot of online content and buy textbooks to learn the language.

#### VCS

- Github
- <https://github.com/debolt/Boulder-Conquest>

User Requirements			
ID	Description	Agile Sizing	Priority
UR-01	As a player, I want to be able to easily roll a virtual dice so that I can move along the board	3	High
UR-02	As a player, I want to be able to see my current bank account, so I know how I am doing against my opponents	1	High
UR-03	As a player, I want to be able to see my transactions every time I make a change to my account	1	High
UR-04	As a player, I want to easily see who's turn it is so that the game runs smoothly and we don't loose track	2	Medium

Functional Requirements			
ID	Description	Agile Sizing	Priority
FR-01	I want the piece to move automatically based on what number I roll on the dice	4	High
FR-02	As a player, I want a functional wallet that can acquire and spend money	3	Medium
FR-03	As a player, I want the game to automatically take my money and deposit it into the owners bank account when I land on his or her property	4	Medium
FR-04	As a player, I would like to see a timer to see how long we've been playing	1	Low

Non-Functional Requirements			
ID	Description	Agile Sizing	Priority
NFR-01	As a developer, I want to be able to enter cheat codes	3	Low
NFR-02	As a player, I would like to see different themes with different colors to add a variety of looks to make the game more appealing	3	Medium
NFR-03	I want to be able to put names on each player so I know who I am playing against	1	High
NFR-04	I want to be able to choose from a large variety of moving game board "pieces"	1	Medium

**Methodology:** Agile

**Project Tracking Software:** Trello: <https://trello.com/boulderconquest/account>

