**Requirements (Rough draft)**

**1 Functional requirements**

1.1 Educational game

1.1.1 Incorporate an approved 5th and 6th grade curriculums. The system shall focus on performing simple mathematical operations that would incorporate:

A) Getting the students outside interacting with the environment and being active

B) Incorporate the state’s amusement park to construct a fun filled learning environment

1.2 Allow for submitted user images, reviews, and park description

A) Allow submissions from students, parents, administrators, as well as anonymous users

B) Submissions must be filtered and reviewed before being published

C) Allow administrators to review submissions for validity.

D) Allow users to upload images directly to the application

E) Include support for different file images formats

1.3 A ticketing system (online and mobile support) that allows user to

A) Sell ticket

B) Buy tickets

C) View their purchased tickets

D) Processing a transaction.

1.4 Social media integration

A) Generate a hashtag for every school

B) Allow for submissions through the hashtag

C) Import profile picture from social media account

1.5 Parental account

A) Allow parents to view their child’s activity and progress

-View child’s submissions  
-View correct and incorrect answers  
-View extent of the progress compared to other students

**2 Non-functional requirements**

2.1 Data storage

-Data should be stored in one centralized location