**Requirements Document Draft**

**Domain:**

Educational game – mathematics

**Topics:**

Linear Algebra – Vectors, Matrices

Pre-Calculus – Trigonometry, Complex Numbers, Polar coordinates

Calculus – Theorems, Limits, Derivatives, Integrals

**Problem:** Difficult concepts in mathematics

**Sub-problems:**

pre-calculus

Calculus

linear algebra

**Purpose & Audience:**

High school and University students taking Pre-calculus, calculus, or linear algebra can use this app as a helpful tool to test and better understand concepts in the above mentioned subjects.

**Storyline:**

User Requirement Definition:

The <app> should provide tools for learning concepts in the three subjects linear algebra, pre-calculus and calculus as well as test them in an enjoyable way. App should distinguish student and professors accounts with different permission level and activities.

System Requirements Specification:

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