

Task 3: Craft an Intent Statement

Requirements:

- *Read Intent statement*
- *Write Intent Statement*
- *Who would use it?*
- *What are their needs?*
- *Opportunities for innovation*
- *Value Created*
- *Risks*

Step 1: Review innovation opportunities identified by other methods

Step 2: Define and state innovation opportunities

- Making Math more enjoyable
 - o Students often do not have fun and find math frustrating there is an opportunity to make it more fun and more enjoyable
- Improving learning rate
 - o Because the learning is more enjoyable and made better for “human consumption” there is an opportunity for us to help students learn faster.
- Reducing Stress
 - o Math often is a stressor in many students' lives, if we were able to make it more enjoyable and less “high stakes” like a formal assessment may be, we could impact students' wellbeing and protect them from those stressors.
- Improving Student’s ability to independently learn
 - o As independent learning is becoming more of an important skill, we could give students experience with learning on their own and improve independent learning skills

Step 3: Have a point of view

- We should see it from the student’s perspective they will be the ones that our product will be influenced by the most

Step 4: Frame the initial innovation intent

- Who is the customer?
 - o Students would be the end user, but School Programs would be the business’ customer.
- What are their needs?

- Students need better learning and schools want to provide better learning for their students.
- What are the opportunities?
 - Making Math more enjoyable
 - Students often do not have fun and find math frustrating there is an opportunity to make it more fun and more enjoyable
 - Improving learning rate
 - Because the learning is more enjoyable and made better for “human consumption” there is an opportunity for us to help students learn faster.
 - Reducing Stress
 - Math often is a stressor in many students' lives, if we were able to make it more enjoyable and less “high stakes” like a formal assessment may be, we could impact students' wellbeing and protect them from those stressors.
 - Improving Student’s ability to independently learn
 - As independent learning is becoming more of an important skill, we could give students experience with learning on their own and improve independent learning skills
- What are the risks?
 - Stepping out with a hypothesis like this means that if we are wrong in any one of our assumptions we will have to build it back from wherever we went wrong. Preventing this looks like doing plenty of research to back up any learning assumptions we make.

Intent Statement:

It is 2025 and math is still very difficult for many students. Algebra in specific, is a topic that many high school students struggle with and reading from a textbook just doesn’t cut it anymore. This project aims to create an application that will teach math in a more human intuitive way. This will make math more enjoyable, improve learning rate, reduce stress, and promote independent learning for many high school students.