**Persona**: Timmy Smalls

**Age**: 8 - 12

**Motivation**: Relatively new to the world of web applications, Timmy occasionally struggles with math at school, but he is pleased to find how easy it is to get started with an online calculator. After a few basic calculations with the calculator, Timmy starts to develop a sense of strategy for math and enjoys that he gets to use the online calculator from his phone or laptop.

**Frustrations**: Timmy is frustrated that he must wait for his parents or teacher to check his math homework but now he can access the web for a web calculator anytime to double check his homework.

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**Persona:** Kyle Coolio

**Age:** 13 - 17

**Motivation:** Kyle needs to feel like he’s making good progress in order to continue doing anything. He enjoys a sense of recognition of the time he spent doing well in trigonometry at school.

**Frustrations:** Kyle quickly grows anxious and upset when his solar calculator doesn’t work sometimes. He needs a stable trigonometric calculator to look forward to in order to keep him feel like a complete mathematician.

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**Persona:** Stefano Introvertti

**Age:** 18 - 35

**Motivation:** Coming home late from work, Stefano likes to do some trigonometry, and interacts with the spontaneous people in math chats and forums on the internet. Stefano used to love Algebra when he was in the 8th grade, and he is happy to see that there are free simple trigonometric calculators online.

**Frustration:** Stefano is taking a college trigonomety class. He needs something unique to keep him interested. Stefano is pleased to find that an online version of a simple trigonometry with a unique background.