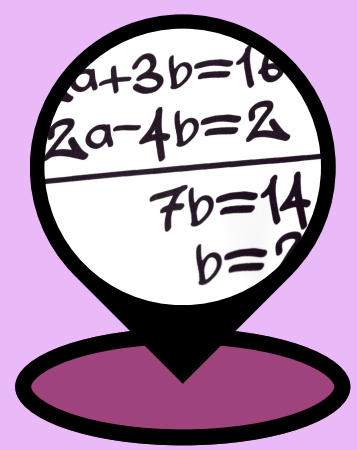




Dyscalculating

Team JElvelopment: Jessica Froment, Evan Cheng, Vyshnavi Donthabhaktuni

Advisor: Mrs. Taricco

Key Features:

- **Manual Equation Entry:** The user can enter any one-variable equation of their choice.
- **Color-Coded Problem Components:** The app breaks the problem down and color codes the constants and coefficients.
- **Interactive Step Checklist** with equation display as the user works through the problem.

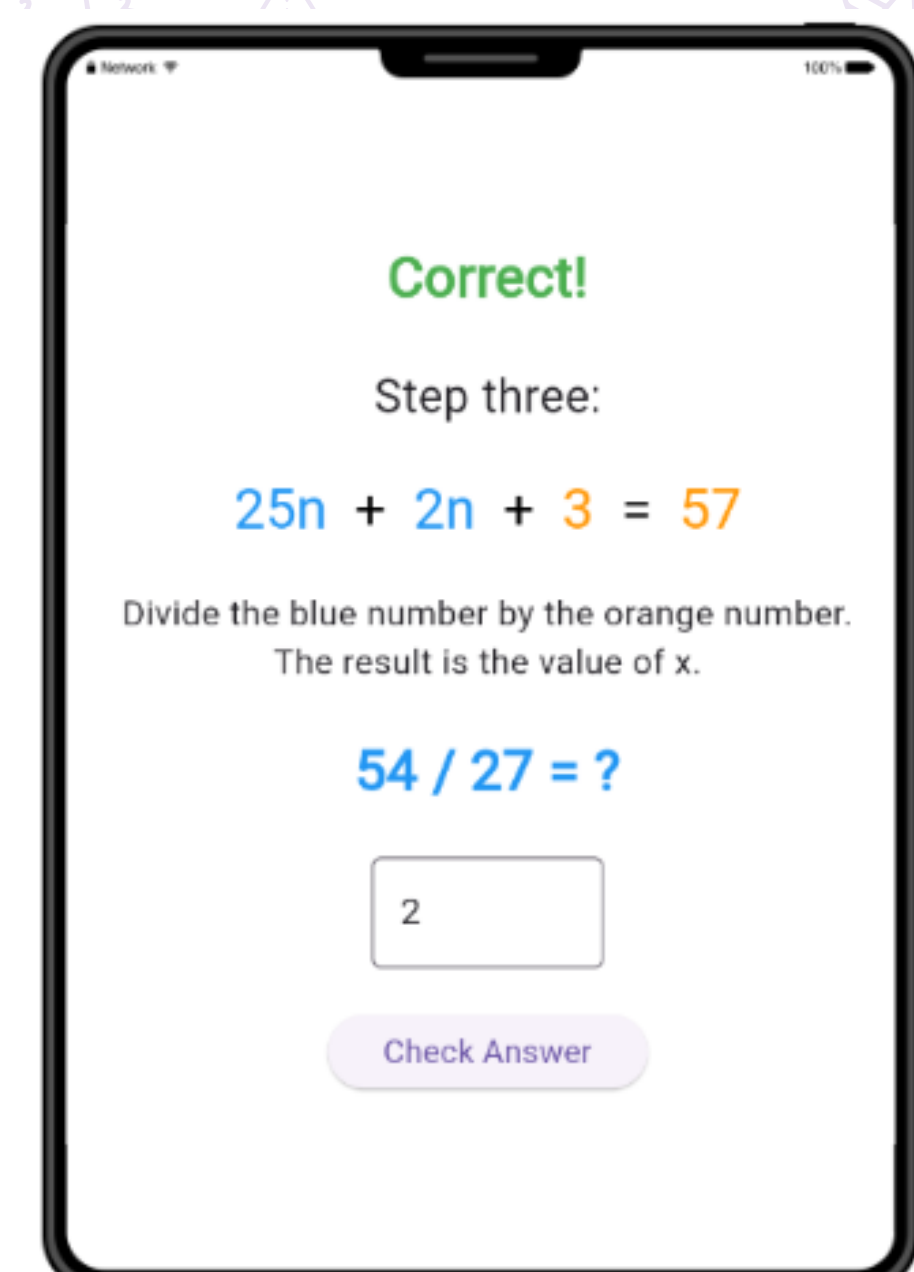
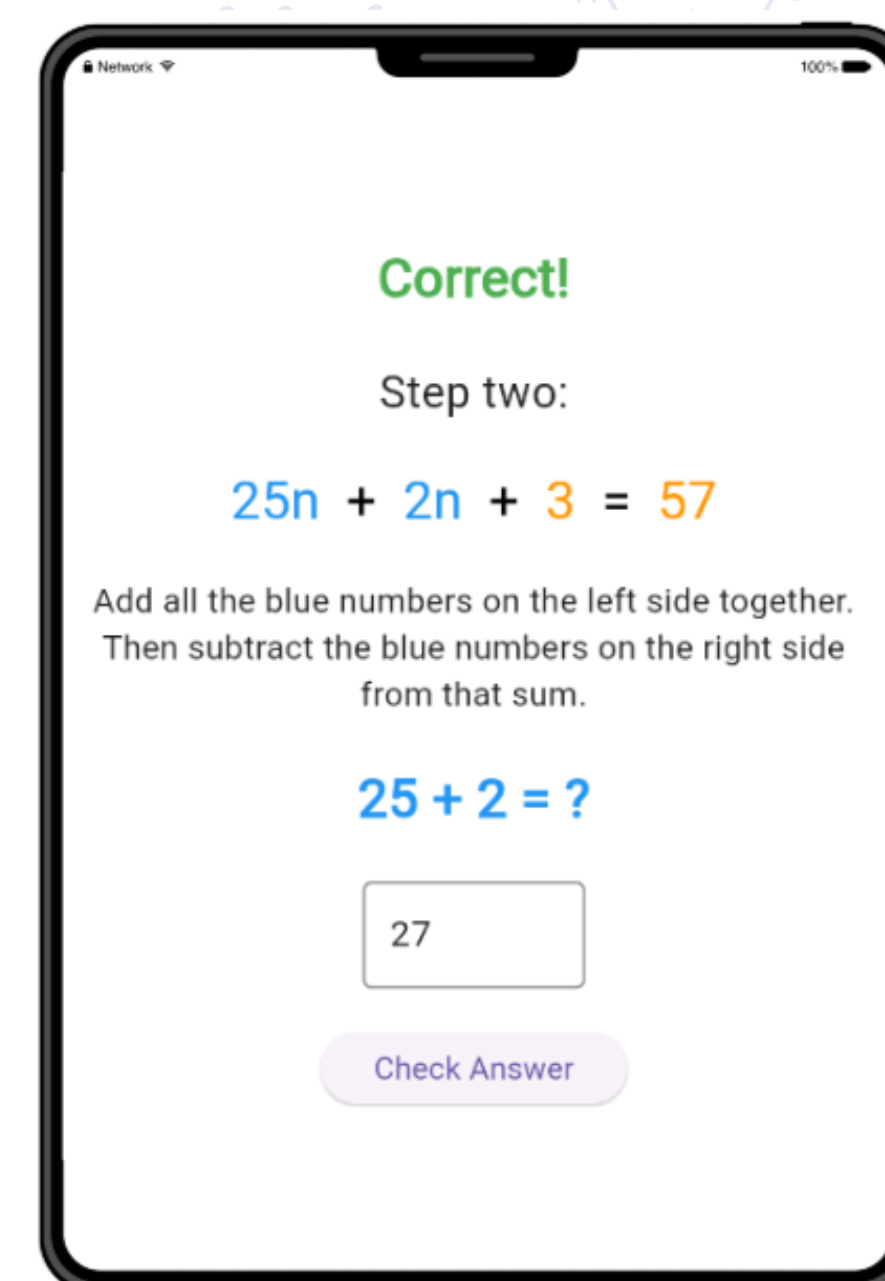
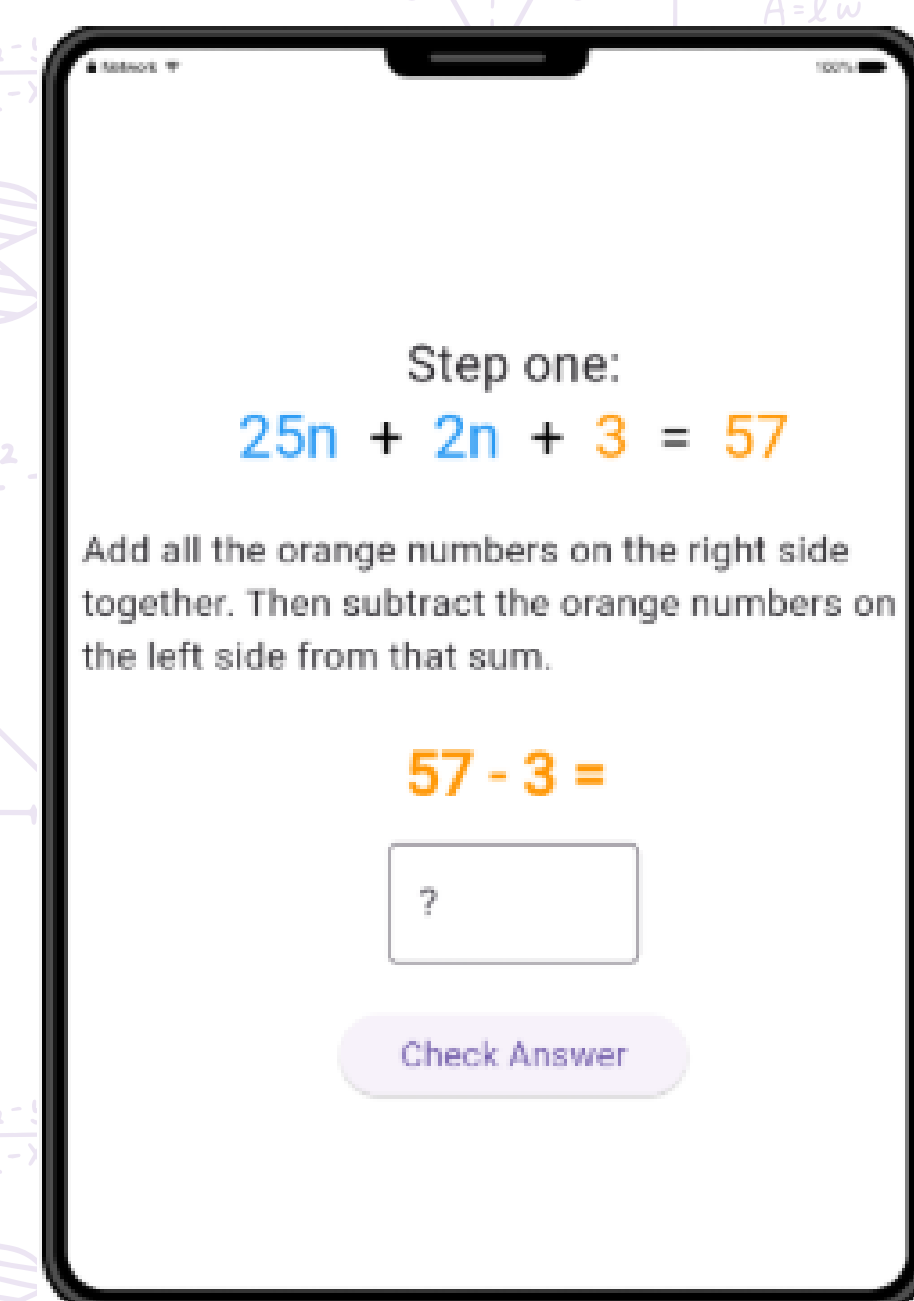
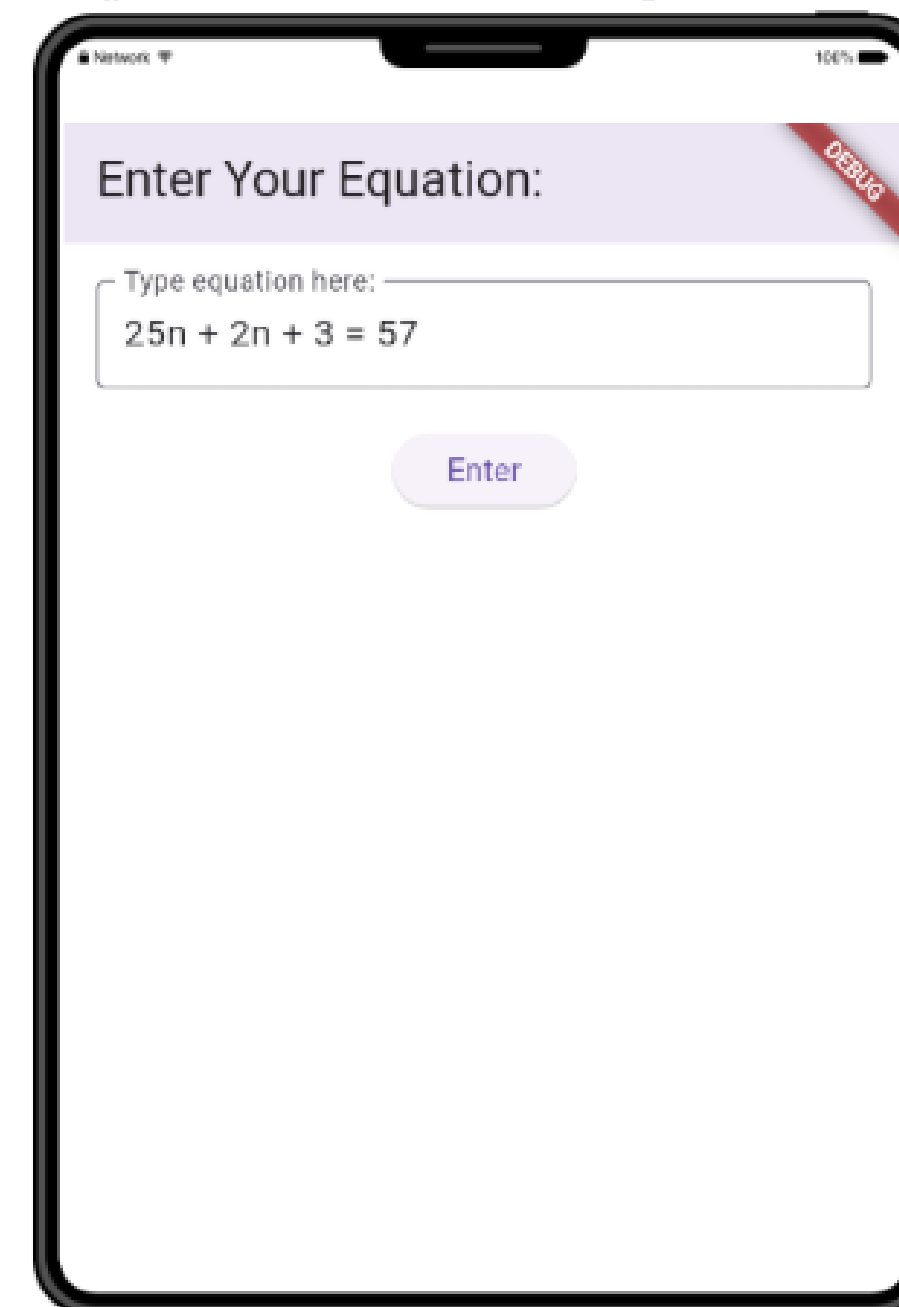
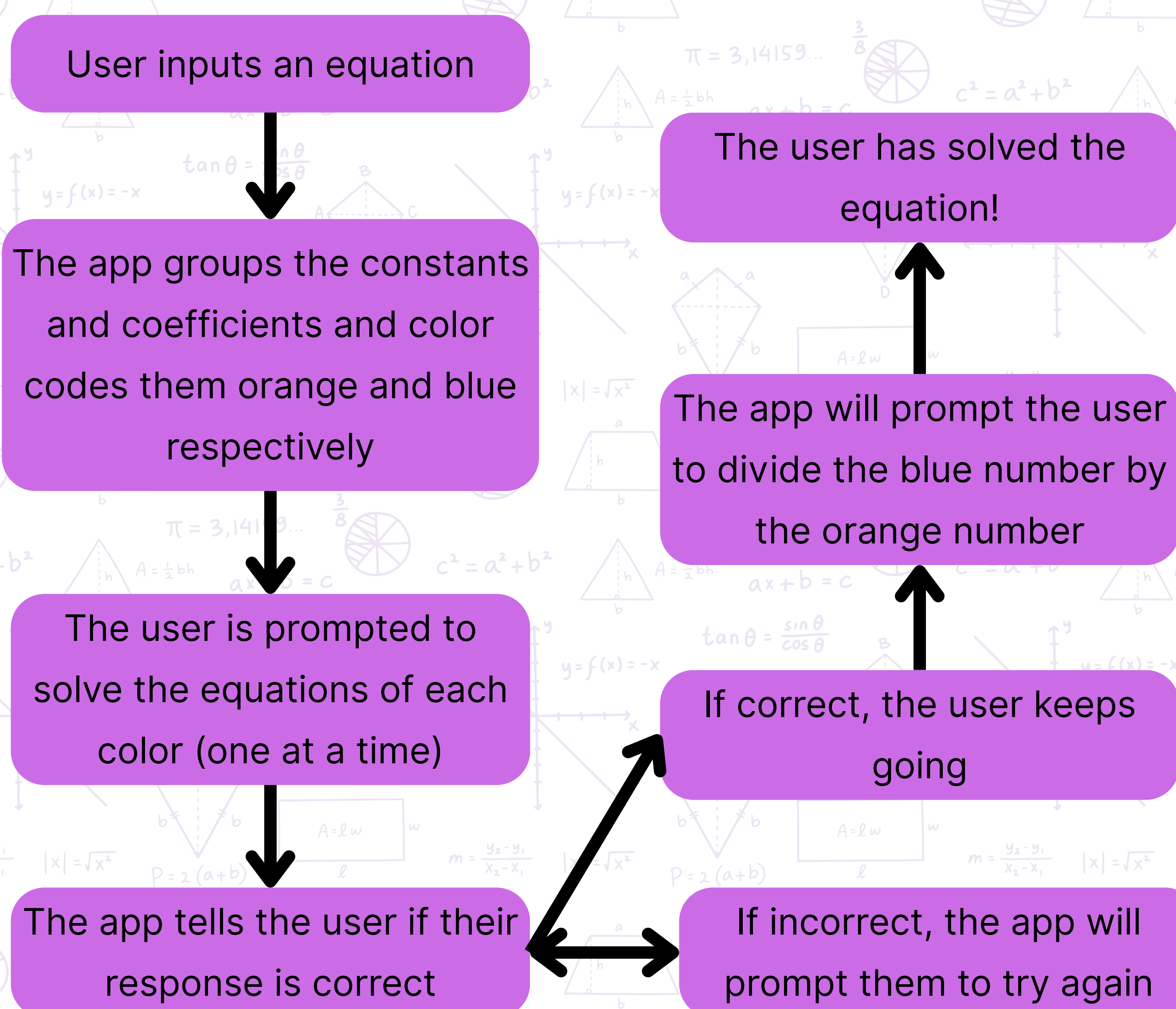
Motivation

- Individuals with dyscalculia **struggle to grasp** and **solve** certain math concepts.
- We tried to solve this by creating an app that **breaks one-variable equations down** into sizeable chunks.

Target Audience

- The audience of our app is **individuals with Dyscalculia** in middle or early high school who are learning **Algebra 1** material. The users should be able to easily identify the order in which a solution to a problem starts and ends, given their inability to remember the sequence of steps to solve a particular problem.

App Architecture and Design



Competitors

- Dyscalculator
- Magrid
- ModMath

Future Steps

- Expand Algebra I topic scope
- Implement Optical Character Recognition (OCR) Software
- Implement Voice Assistance