

View

- Display all general UI (e.g. Home Page, Login Page, Profile Page, etc.)
- Display any dynamic content the controller wants to render. (e.g. Questions, Profile score history)

Model

- Store account information
- Store user score information
- Generate math problem question and answer sets from the problem types the controller provides.
- Final validation of user login/signup information

Controller

- Do basic signup/login information validation before sending to model
- Decide which dynamic content needs to be rendered, and pass it to the view (e.g. Questions, Profile Score history)
- Prepare problem types to be sent to the model for problem set generation.

Send user inputs

Controller provides
problem types for
a problem set, and
user login info

Update the view
as the controller
requests

Model provides
question and
answer sets, user
score data, and
login validation