

Problem

- FIU's Aeromedical Evacuation training program contains lots of information delivered in a short amount of time.
- Participants want access to course material prior and after lectures.
- Currently the only material that exists for the course is in the form of PowerPoint presentations and video recordings of lectures.

Current System

- Being this is version 1.0 there was no previously existing system. A similar system to what the product owners wanted was Deployed Medicine.
- While Deployed Medicine is similar to the product owners vision, it does not contain just the relevant information that is important to the Aeromedical Evacuation Training program.

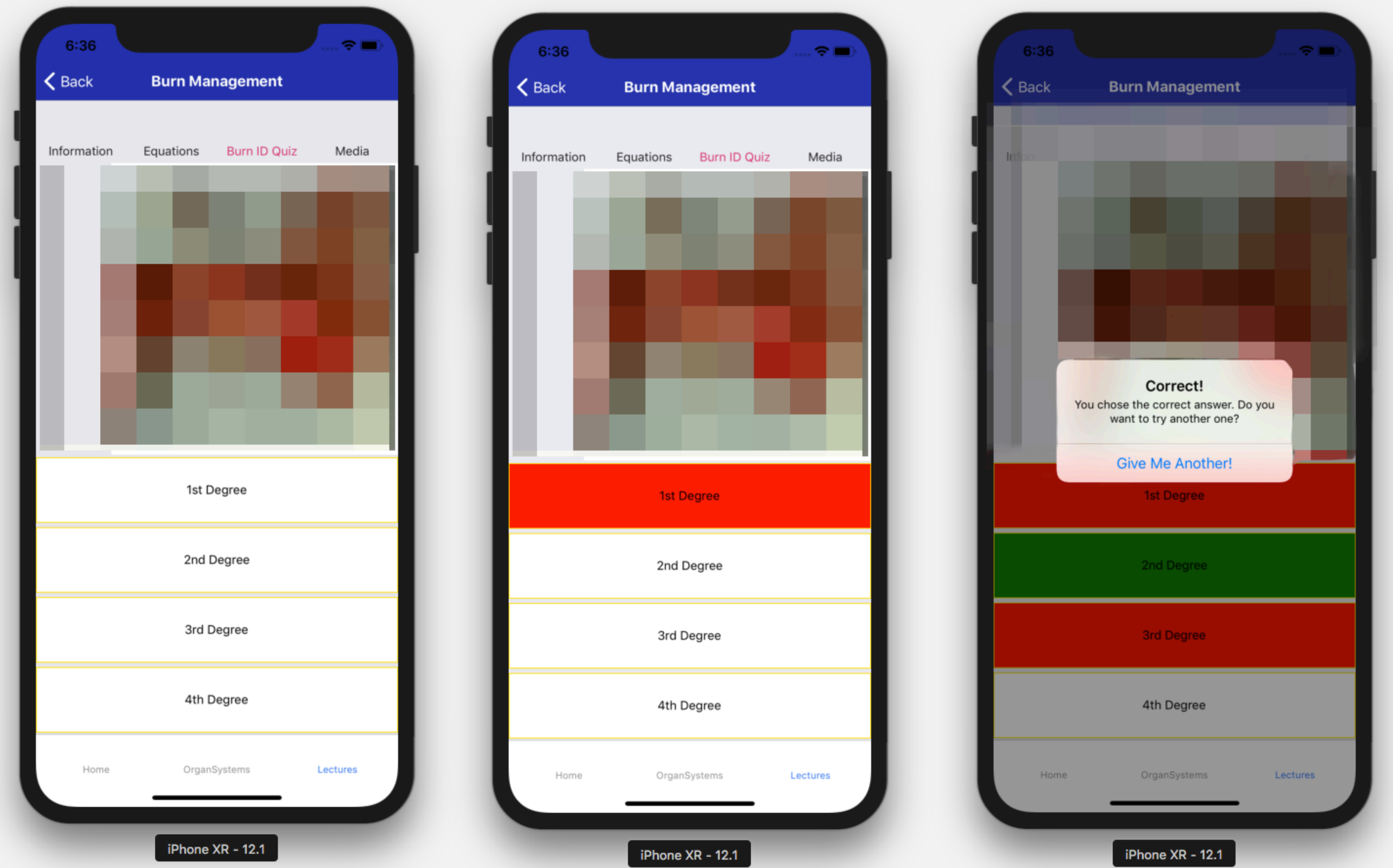
Requirements & Verification

- Users must be able to access lecture content offline.
- Users can interact with formulas.
- Users can take an interactive quiz to test concept of lecture.
- Manual testing was used for testing.

Summary

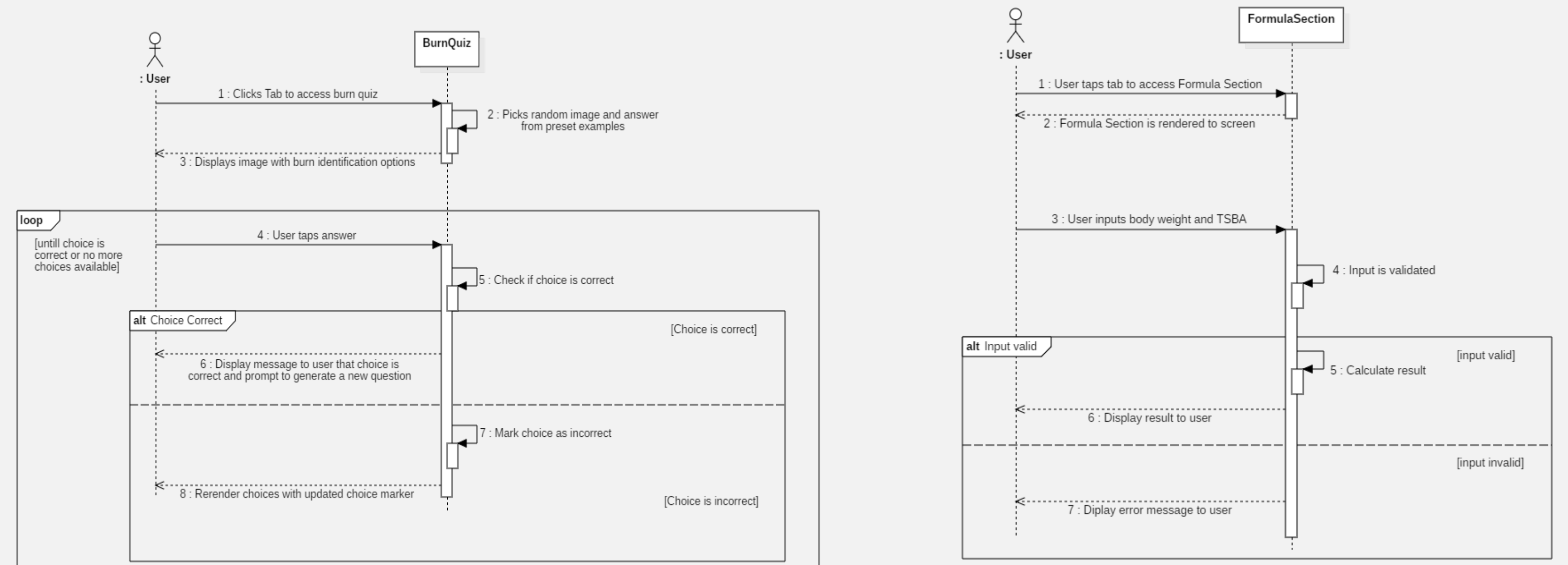
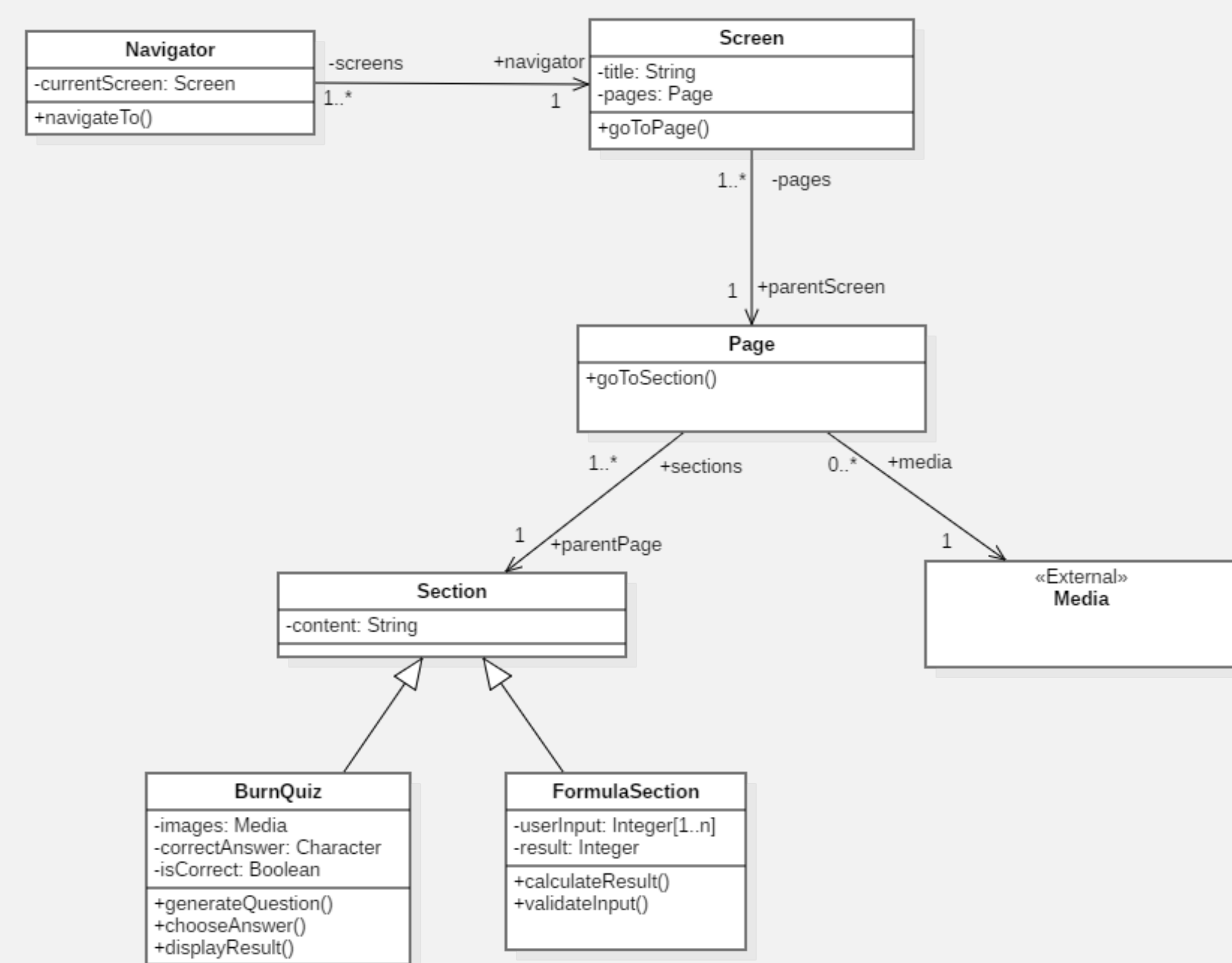
- Users are able to access lecture PowerPoint and summaries for specific lecture.
- Users can interact with information found in lectures such as formulae and short quizzes on the relevant material.

Implementation



Shown above are captures of the burn identification quiz feature running in an iOS simulator. Due to the graphic nature of the images they have been censored.

Class & System Design



Acknowledgements

The material presented in this poster is based on the work by Ruben D. Almaguer, Bridget Pelaez, Robin Yang at the FIU Academy of International Disaster Preparedness. I would also like to thank my fellow team members Alvaro De Castro and Cesar Villa-Garcia for their hard work and contributions to this project.