



AEROMEDICAL EVACUATION

Student

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Course

Senior Design Project | Fall 2018

Mentors

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Problem

The Academy for International Disaster Preparedness at FIU does not have a system for storing their aeromedical evacuation training materials and making them available to first responders in disaster situations

Currently, training materials are

Unorganized

Extensive

Inaccessible

Current System

There is no current system set in place for the storage and access of the aeromedical evacuation training materials.

The training materials exist in both physical and digital formats, and are currently stored on campus, on online cloud services, and on third-party applications.

Students and professionals must look through all of these locations in order to find the training materials they need.

Requirements

- Mobile application must have a modern and intuitive user interface (Figures 3, 4, 5)
- Users must be able to navigate to different application components (Figures 4, 5)
- Users must be able to access lectures in various topics (Figures 4, 5)
- Users must be able to access lectures while offline (Figures 4, 5)

System & Class Design

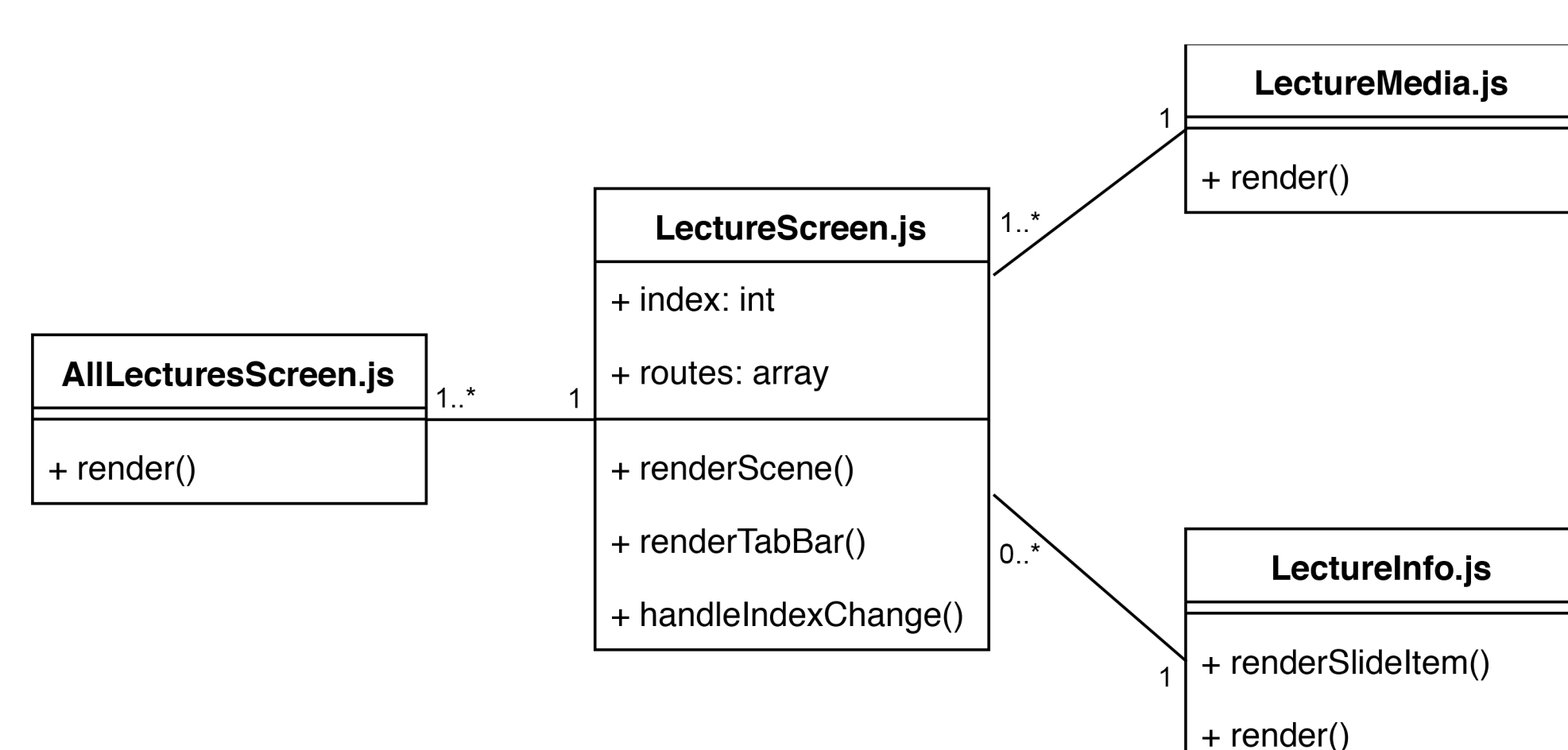


Figure 1 - Class diagram for the lectures component of the application

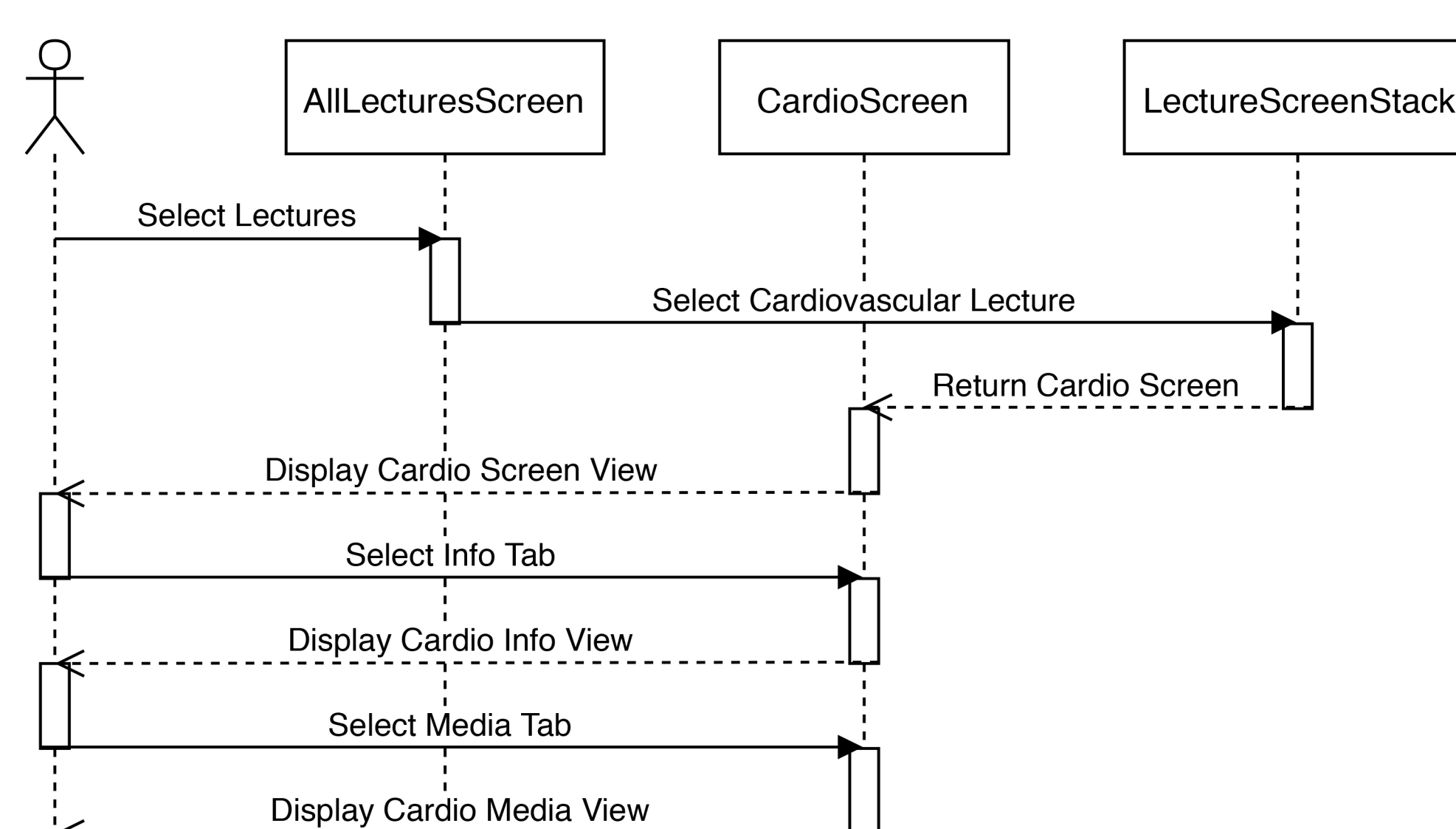


Figure 2 - Sequence diagram for selection of the cardiovascular lecture and its sections

Implementation



Figure 3

Welcome Screen

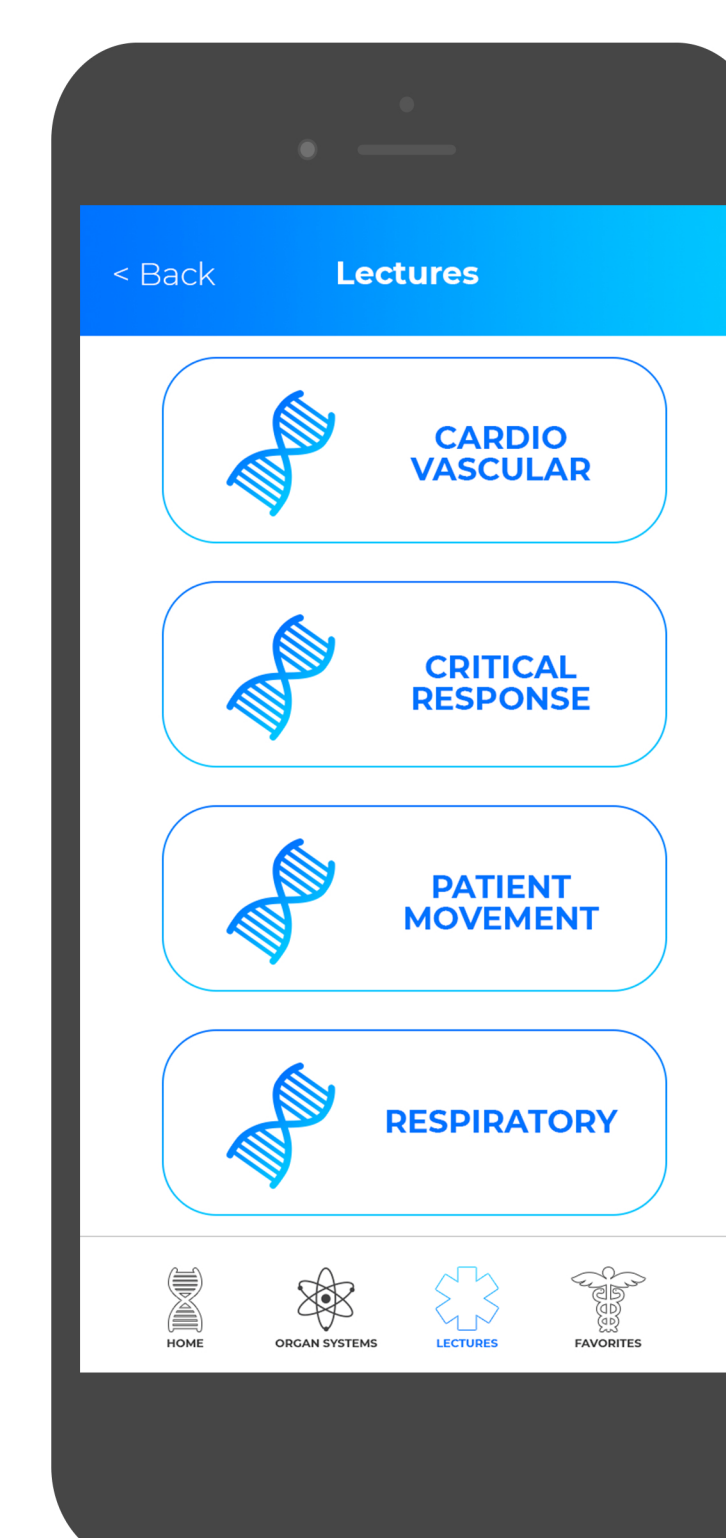


Figure 4

Lectures

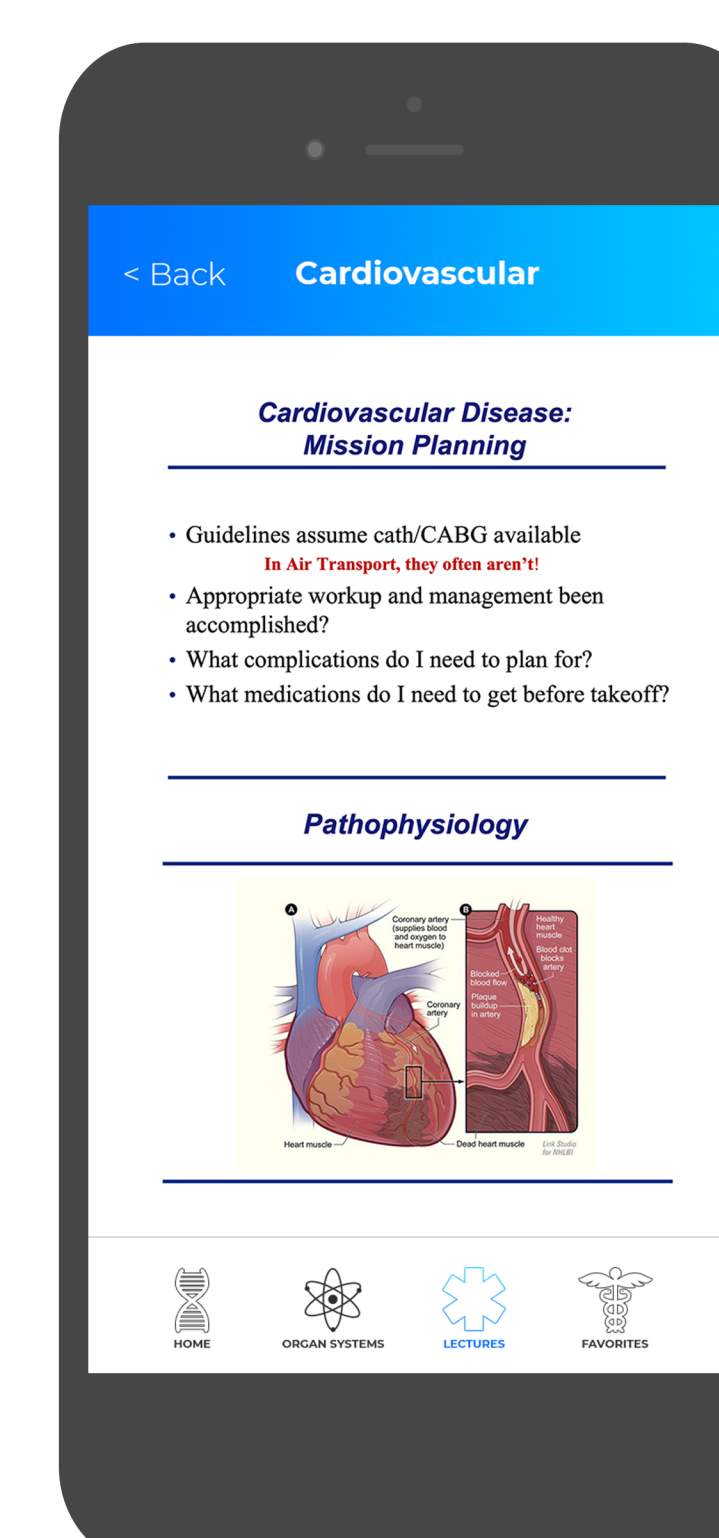
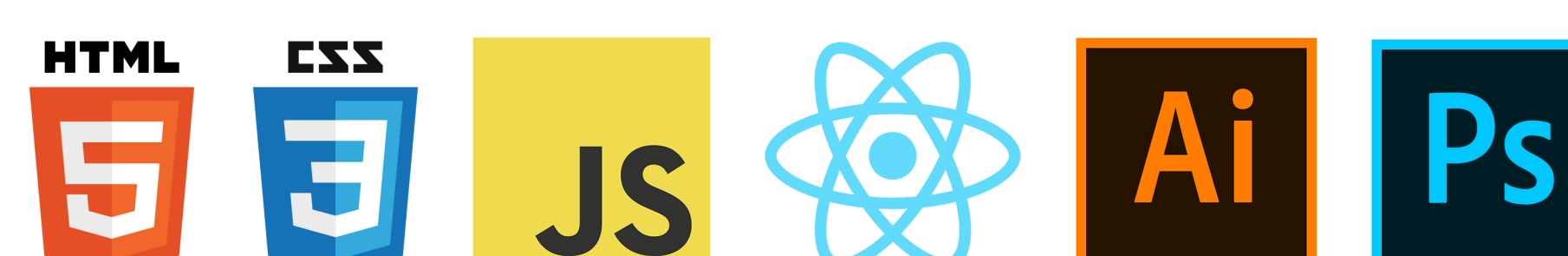


Figure 5

Cardiovascular

Technologies



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