

VIP/Senior Project Final Presentation

Fall 2018

Aeromedical Evacuation App 1.0

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<date of the presentation>

Problem definition

- Whole Project:
 - The Aeromedical Evacuation training program at the FIU academy for disaster preparedness is a short two week training program encompassing a wealth of knowledge.
 - Participants in this training program have been asking for advanced access to lecture material, but currently material is spread across several locations.
 - Lecture material at the moment consists solely of powerpoint presentations.
- My Part:
 - Creating functionality that allows a user to favorite specific lectures
 - Creating the navigation for the system
 - Implementing the Burn Management Lecture
 - Implementing the Trauma Lecture
 - Implementing the Special Population Lecture

Project Management

Task ID	Sep-18				Oct-18				Nov-18				Dec-18		
	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W
AEVA-30															
AEVA-27															
AEVA-62															
AEVA-32															
AEVA-33															
AEVA-4															
AEVA-56															
AEVA-58															
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AEVA-34															
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AEVA-42															
AEVA-43															
AEVA-44															
AEVA-55															

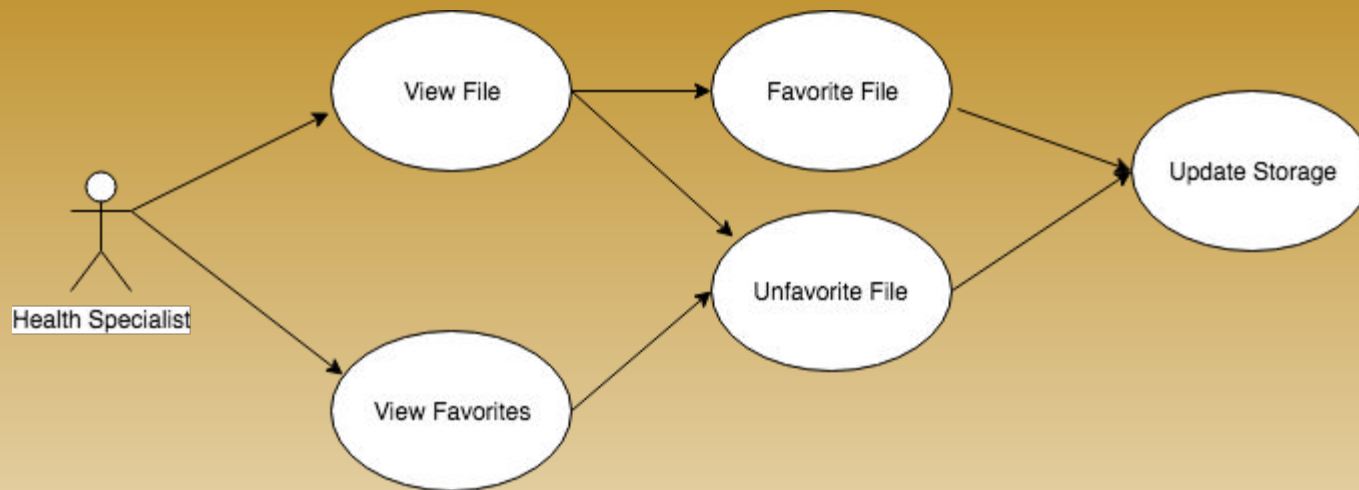
Requirements: User Stories

- User Story AEVA - 45: Users can favorite a file
 - **As a User I would like** to favorite a file **so that** It becomes easily accessible at any point, and is saved locally.
- User Story AEVA - 40: View Information from Burn Lecture
 - As a User I would like to view the Burn Management information so that it can easily accessible and easy to understand.
- User Story AEVA - 48: Implement Navigation Bar
 - As a User I would like to have access to a navigation bar so that I may be able to distinguish the different data that is available to me.

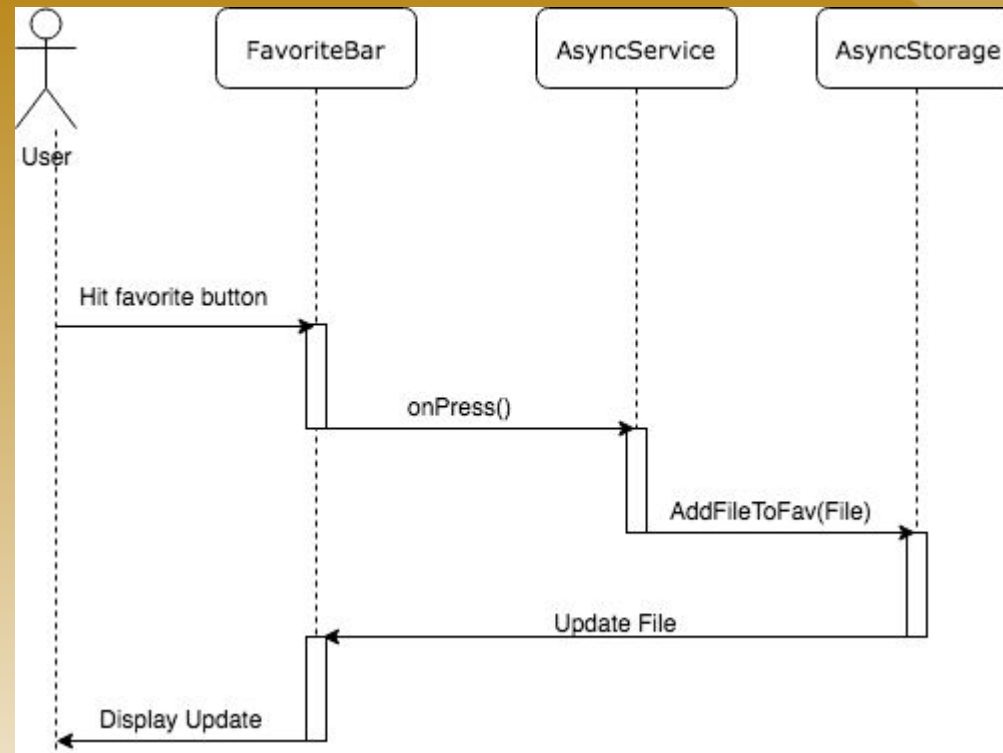
Requirements: User Stories

- User Story AEVA - 46: Users can view favorited files
 - As a User I would like to view my favorited files so that I can easily access the files I favorited
- User Story AEVA - 47: Create FileViewer for Favorites Page
 - As a User I would like to view my favorited file with its title so that I am able to click on the file and view it from that Favorites page
-

Requirements: Use Cases



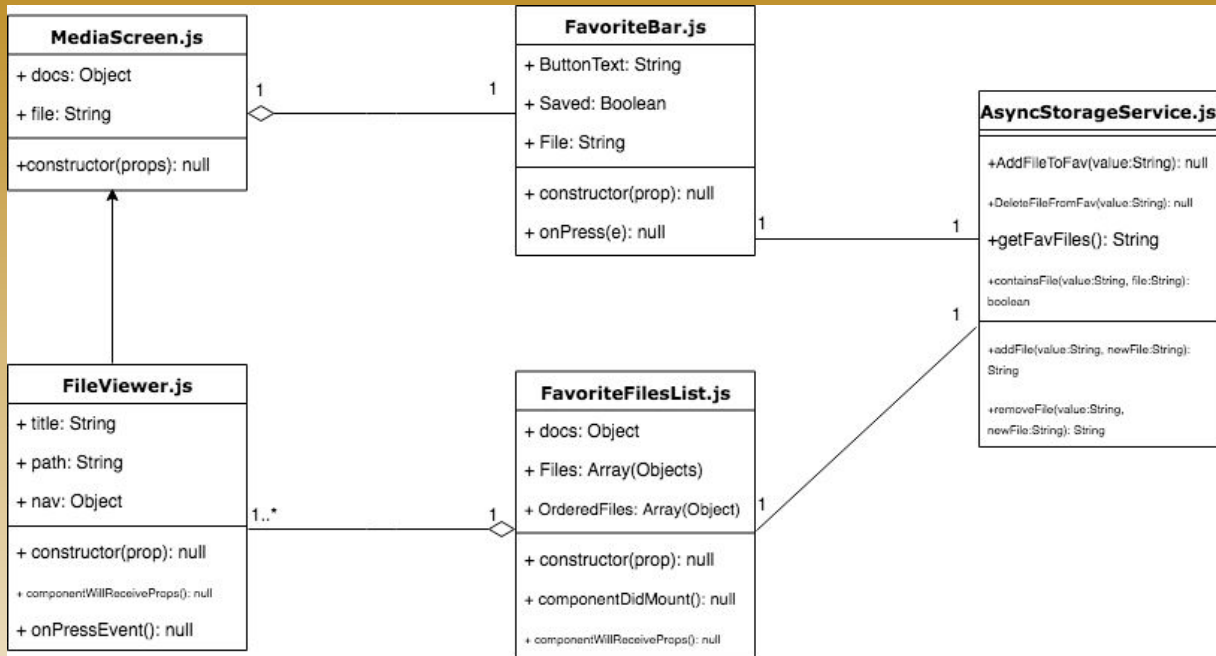
Requirements: Sequence Diagrams



System Design

- The system was designed using persistent data.
- Favorite files are stored locally on the device and pulled at random along with their correct answer.

Minimal Class Diagram



Test Case 1 (Sunny)

- Test case ID:Favoriting a file
- Description/Summary of Test:Click Favorite on burn management powerpoint found on the lecture page
- Pre-condition:The applications is downloaded and launched
- Expected Results:The file will show as favorited on the media page and also be found in the Favorites page
- Actual Result:The test went as expected, and the file showed as favorited and showed on the favorites page
- Status (Fail/Pass): Pass

Summary

- My contribution to this project along with creating summaries of lecture content, was creating functionality that allows a user to favorite a lecture allowing them to quickly access it again in the future.
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- Questions?
- Thank You!