Project 1 - Documentation

Overview
The purpose of project1 was to demonstrate our knowledge on MVC, as well as being able to go through JavaScript code in which we did not write. Many aspects of the project were as followed:
- Research: Much of the information that was needed to complete the project was not given to us.
- MVC: The ability to work with a design pattern and use it correctly to solve a problem that was given to us.
- Keypress/DOM Manipulation: The project was used to show simple DOM manipulation and use keypresses rather than cursor for basic functionality.

Constraints
- Browser support is latest Chrome or Firefox.
- No full frameworks such as angular or backbone are permitted although libraries such as jQuery, templating tools, AMD etc. are acceptable.

Background
I have 4 years of programming experience coming from an educational background. I have no prior experience to JavaScript, HTML or CSS. Although no experience in these fields, my experience in other languages made it easy to finish this project on time.
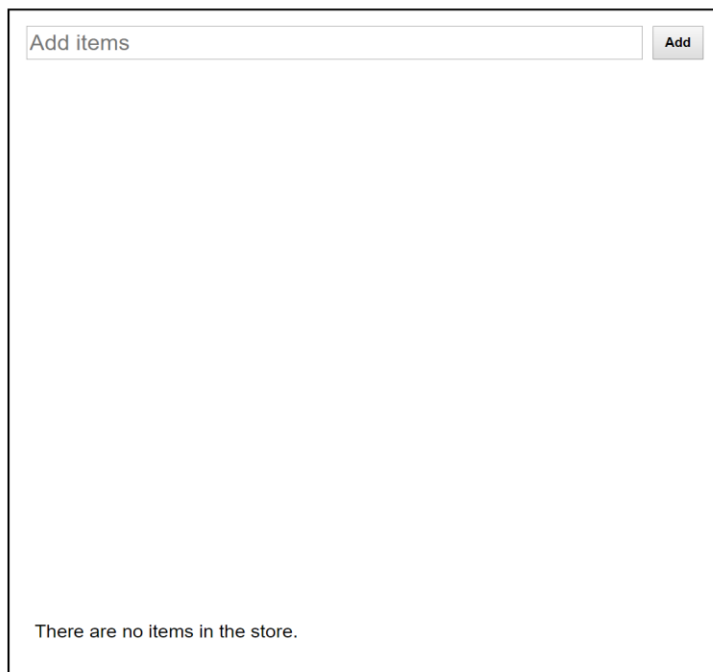
Considering the amount of time I had for this particular challenge, I completed what I felt was most important. Only one requirement was asked and was completed as such.
1. Ability to enter name by the press of the Enter key.

I tackled the project as follows:
1. Read through all code that was given and making a judgment on what needed to change. (3 hours)
2. Controller.js

Diagram

Simple overview of the widget that was used. A name was written in the "Add Items" slot, and would display inside the widget once the Enter key was pressed, or the Add button was pressed. The file structure was as followed: index.html, styles.css, view.js, model.js, app.js, and controller.js

Potential Improvement
As for delivering working software on time, not many improvements would have made this project much smoother without messing with the scaffolding provided to us by the project manager.

Conclusion
Rarely does anyone ever see vanilla JavaScript used anymore to write applications, even in simple applications such as this MVC widget application. With the time I had, and the limited knowledge I had, I did research to get a deliverable out on time within budget (time frame). Writing and documenting the process on what needed to be done was instrumental in helping me finish on time with a working project.

John Mills
Jgmills52@gmail.com