

## Lab 2 – Strome InFusion Specification Outline

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CS411W

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## 1. Introduction (Chris)

The Strome Entrepreneurial Center is a place for students, faculty, staff, and alumni to get help with starting a business or an existing business. However the Strome Entrepreneurial Center lacks the ability to connect with students, maintain those connections, and build connections between the users of the facility and ventures.

### 1.1. Purpose (Will)

Strome Infusion will give students the ability to connect with the Strome Entrepreneurial Center, other students, and external companies. Through these connections they will be able to find the necessary skillsets and resources to make their entrepreneurial ventures a success.

### 1.2. Scope (Pat)

The Strome Entrepreneurial Center is a resource for Old Dominion University students, faculty, staff, and alumni, Strome InFusion can be used anyone in those groups. Additionally, members of the local entrepreneurial community are welcome to help members of the Strome Entrepreneurial Center and will have access to Strome InFusion. Staff of the Strome Entrepreneurial Center will have elevated access to the system.

### 1.3. Definitions, Acronyms, and Abbreviations

Technical terms, acronyms, and abbreviations and what they mean.

### 1.4. References

Sources used for the purposes of writing the paper.

### 1.5. Overview (Chris)

An explanation of Strome Infusion's prototype architecture, functionality, and interfaces.

## 2. General Description (Chris)

The breakdown of the following sections and what they will cover.

## 2.1. Prototype Architecture (Matthew)

A description of the major components of Strome Infusion and the programming languages and frameworks that they are built on. This includes: the database, website application, and mobile application.

Description of the technologies in the stack.

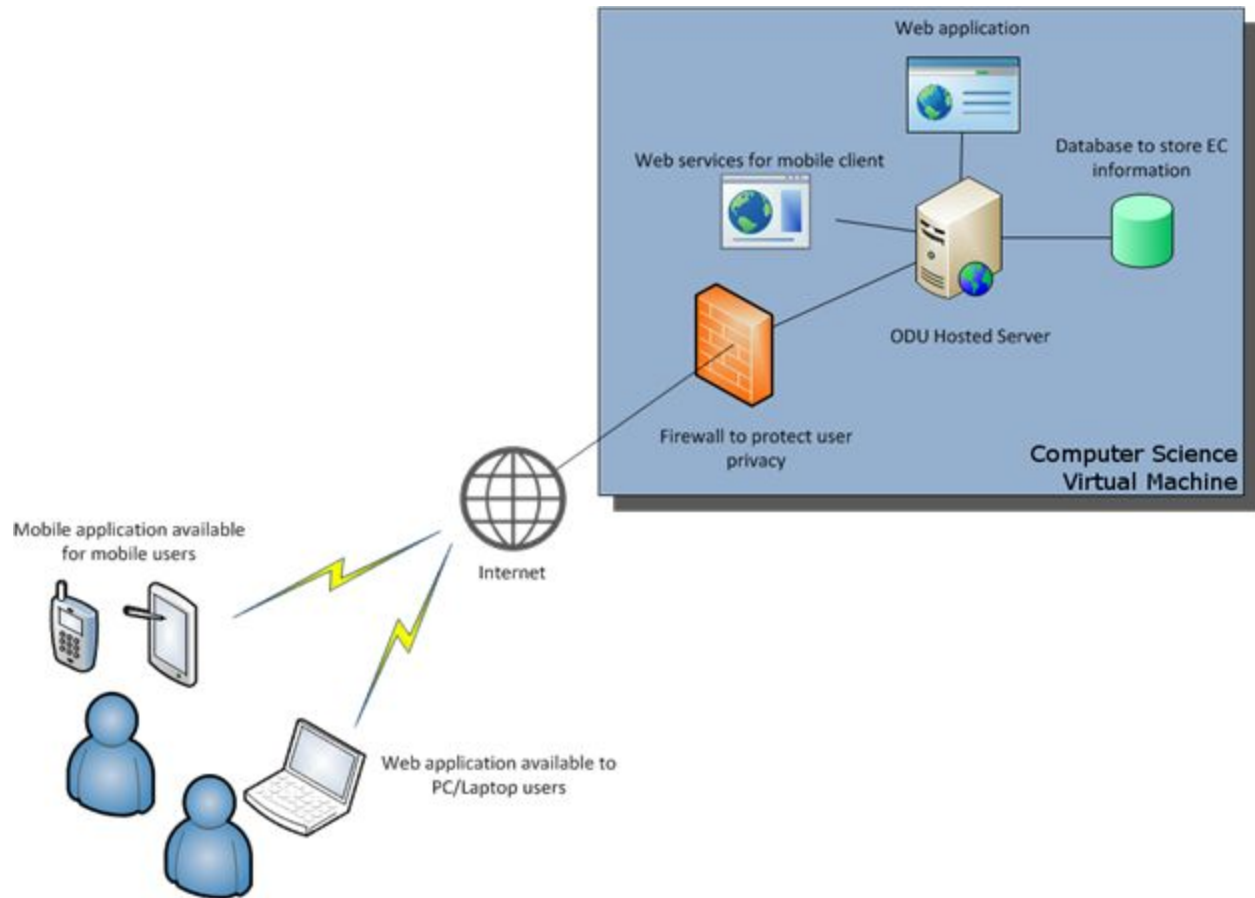


Figure 1. Major component diagram.

## 2.2. Prototype Functional Description (Will)

A description of the individual working components of the prototype. This will include the following:

1. Creating ventures and companies
2. Registering skills and resources
3. Requesting skills and resources to join a venture
4. Requesting to be added to a venture
5. Requesting a meetings with a mentor

6. Posting to the job board.

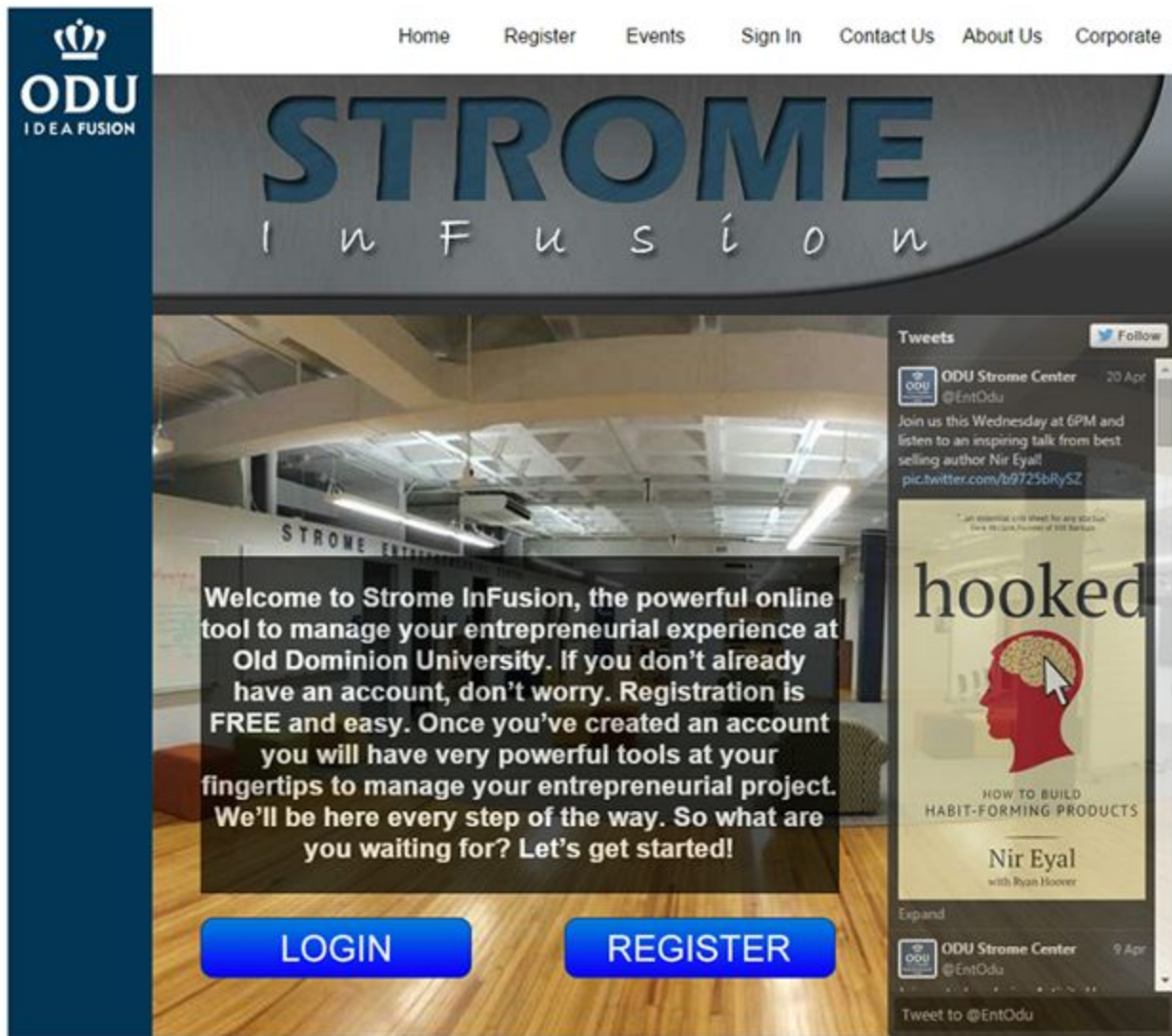


Figure 9. Landing page mockup.

### 2.3. Extended Interfaces (John S)

A description of extended services that the application shall use to interact with the end user. This includes the following:

1. Push Notifications
2. Midas Login
3. Email Notifications and registration