

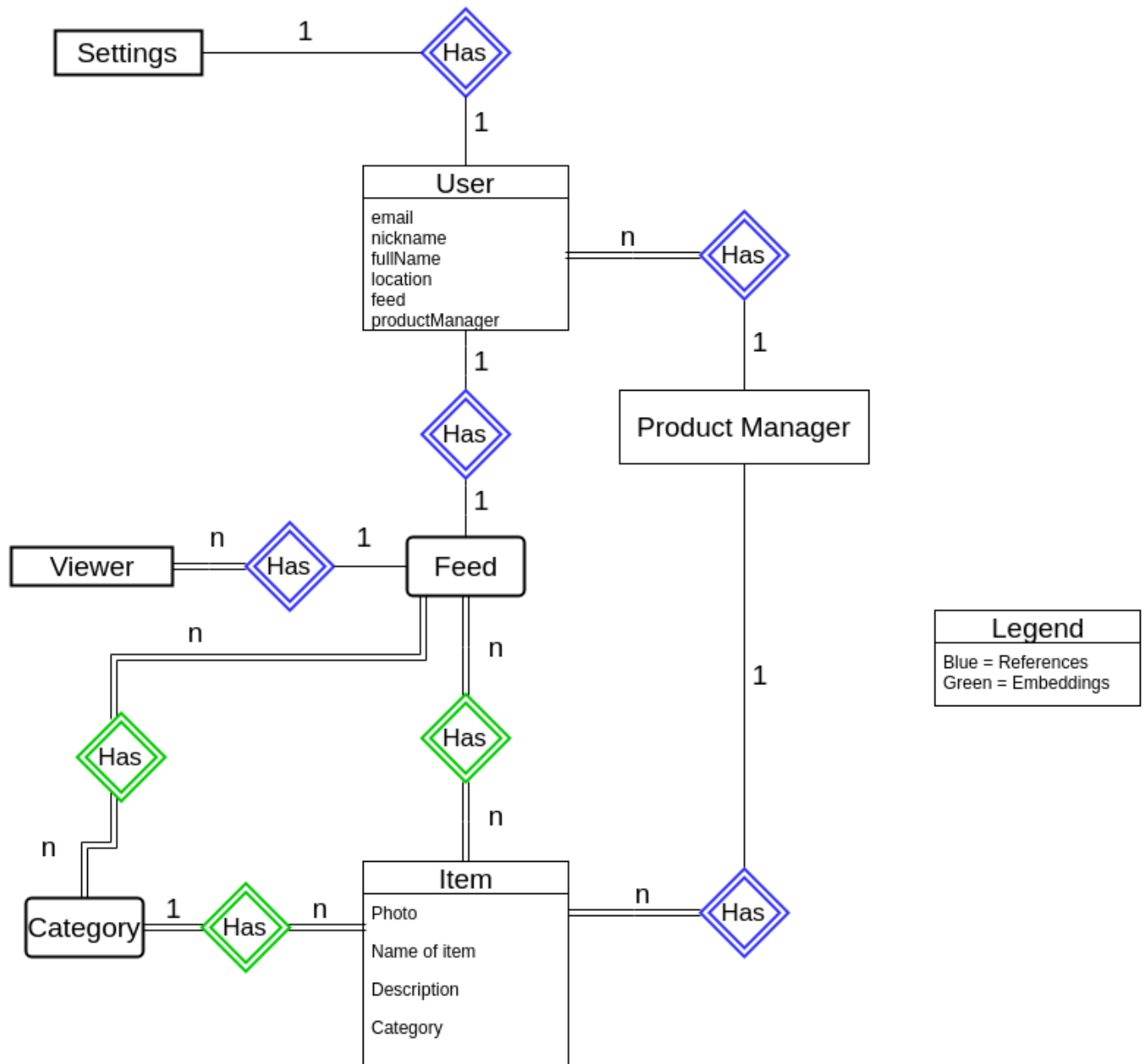
# CS 326: Report #5

Due on Tuesday, November 15, 2016

*RedWine*

Daanial Ahmed, Richard Cui, Roman Ganchin,  
Gahyun (Susie) Kim, Greg McGrath, Francis Phan

## Updated ER Diagram



## Outstanding Bugs

There are a number of outstanding bugs in the current iteration of our web application. Most of these issues are caused by the lack of implementation of a database. We currently have pages linked together, and are able to pull dummy data from a JSON file, though the lack of a real database prevents us from being able to add new entries or modify existing entries, producing a static UI that can't take inputs. Additionally, there is currently an issue with parsing user information from JSON so we are hard-coding user ids.

As of right now, we intend to use Socket.io and Express to implement a chat client for users. Unfortunately,

the chat client is not ready yet because we had some configuration issues, so the chat client has been tabled for later implementation.

Some UI elements are currently unpolished because we have not yet decided on a unified scheme for the UI, and some assets are missing and instead have placeholders.

## **Key React Components**

### **Feed**

The Feed component contains the feed of item images that is tailored to each user. Users can like or dislike items on the feed to see new items.

### **Trending**

The Trending component draws items from the database and displays them to the user, sorted by categories. Unlike the Feed component, which can only display one item at a time, the Trending component can display multiple items at a time.

### **Category**

The Category component is built into the Trending component and renders all items of a specific category.

### **Profile**

The Profile component displays user settings. Users can edit their personal information through this component, as well as access their ProductManager and Chat.

### **ProductManager**

The ProductManager component allows the user to manage their items for sale by editing or removing items through a number of fields.

### **Chat**

The Chat component is a simple chat interface where two users can exchange messages.

### **Upload**

The Upload component is a form submission that allows the user to upload items for sale into the application database.

### **Item**

The Item component contains information specific to a single item, containing both item information as well as user interactions with the item, such as likes/dislikes.

## Contributions

### Daanial Ahmed

Daanial Ahmed contributed to the Upload component.

### Richard Cui

Richard Cui contributed to the Chat component and the written report.

### Roman Ganchin

Roman Ganchin contributed to the Trending, Category, and Item components.

### Gahyun (Susie) Kim

Gahyun (Susie) Kim contributed to the User component.

### Greg McGrath

Greg McGrath contributed to the Feed and item components.

### Francis Phan

Francis Phan contributed to the ProductManager and Item components, the dummy database, and linking and routing all of the components into one application.

## Cut Features

No features were cut from the project, though some features were pushed back until a server/database is implemented as they are not currently feasible at this time.