



# the social network

Shawn Reisner & Josh Davis

# Project Idea

Implement the basic features of a social network.

Features:

- Friends (obviously)
- Profile info
- Status updates
- Private messaging

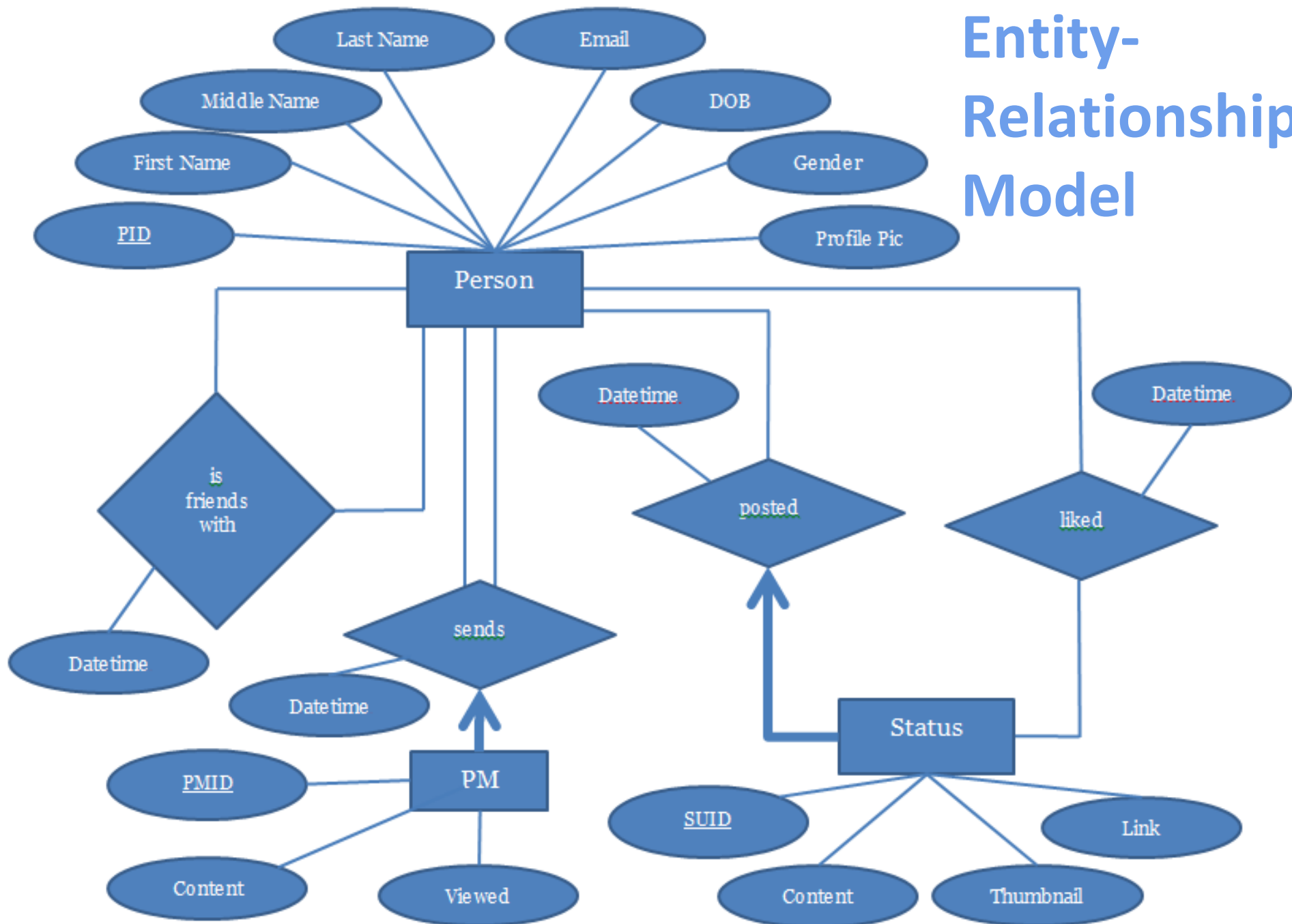
# Reasoning

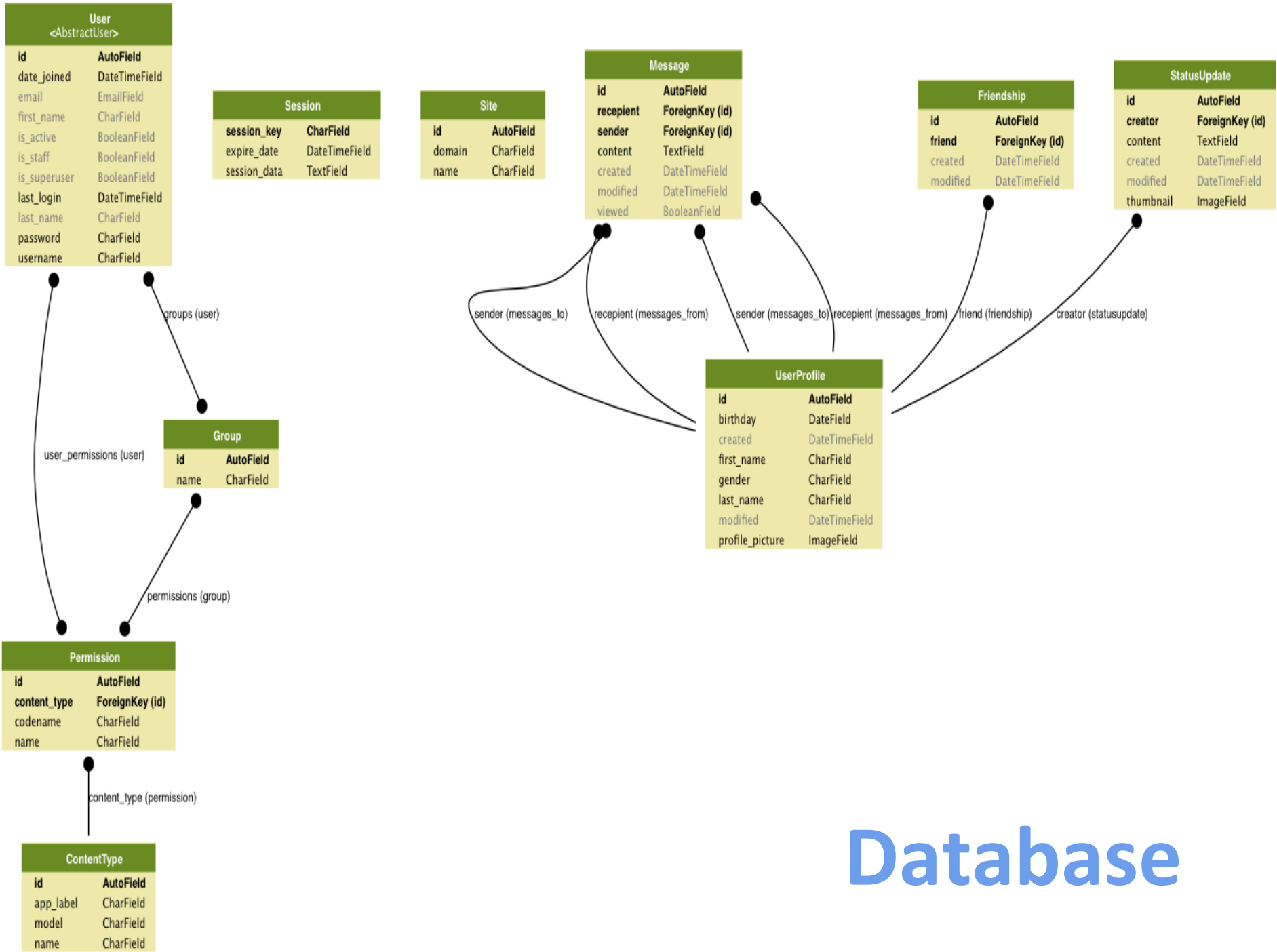
Social networks are database heavy, and they are pervasive.

Additional Interesting Topics:

- Scalability
- Security (SSL, XSS, etc.)
- Privacy
- National Security (NSA/Prism)
- and tons more...

# Entity-Relationship Model

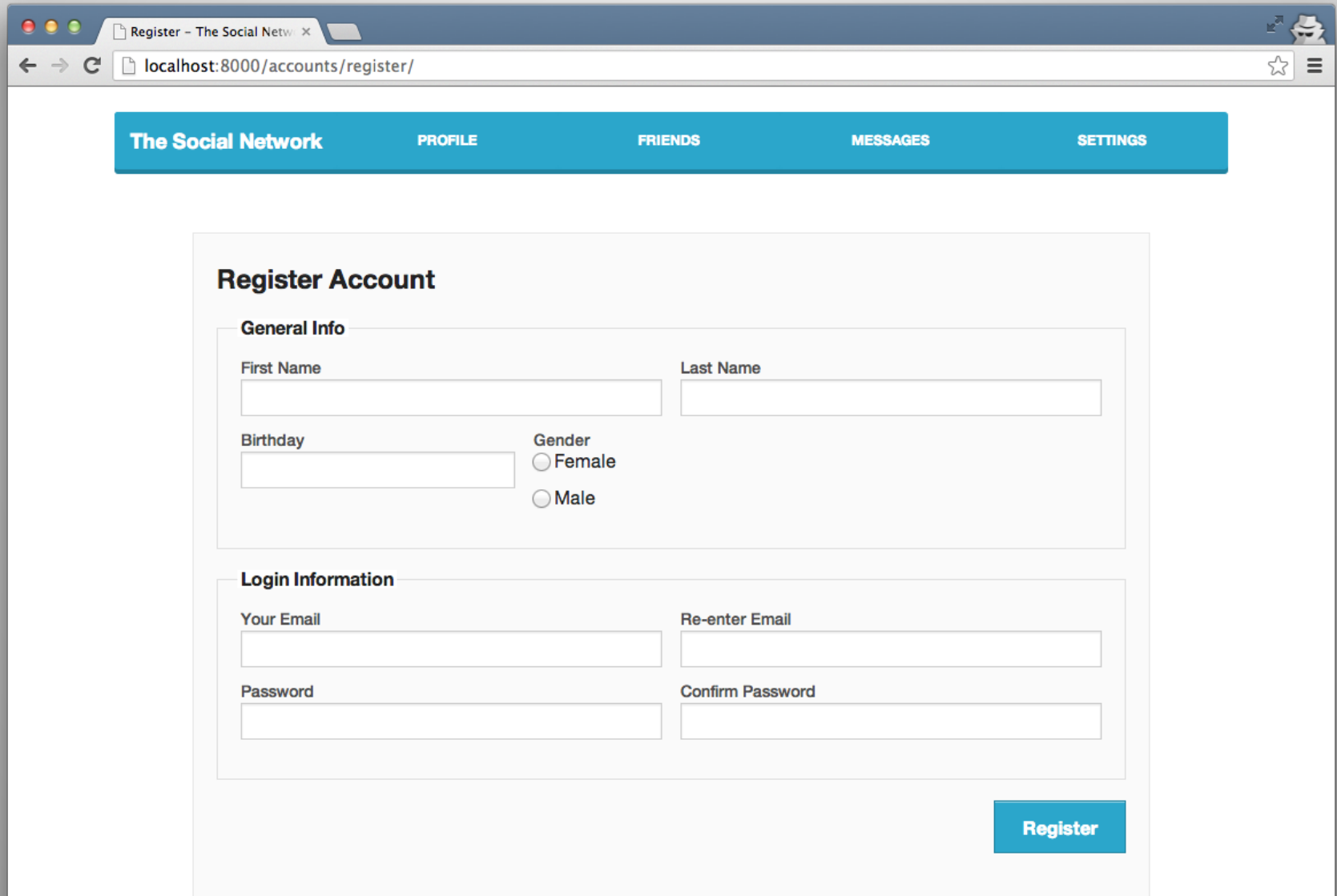




# Database



# User Interface: User Registration



The screenshot shows a web browser window with the title 'Register - The Social Network'. The address bar displays 'localhost:8000/accounts/register/'. The browser's navigation bar includes back, forward, and refresh buttons, along with a star icon for bookmarks and a menu icon. The website's header is a blue bar with the text 'The Social Network' and navigation links for 'PROFILE', 'FRIENDS', 'MESSAGES', and 'SETTINGS'. The main content area is titled 'Register Account' and contains two sections: 'General Info' and 'Login Information'. The 'General Info' section has input fields for 'First Name' and 'Last Name', a 'Birthday' field, and a 'Gender' section with radio buttons for 'Female' and 'Male'. The 'Login Information' section has input fields for 'Your Email', 'Re-enter Email', 'Password', and 'Confirm Password'. A blue 'Register' button is located at the bottom right of the form.

Register - The Social Network

localhost:8000/accounts/register/

**The Social Network** PROFILE FRIENDS MESSAGES SETTINGS

## Register Account

### General Info

First Name

Last Name

Birthday

Gender  
☐ Female  
☐ Male

### Login Information

Your Email

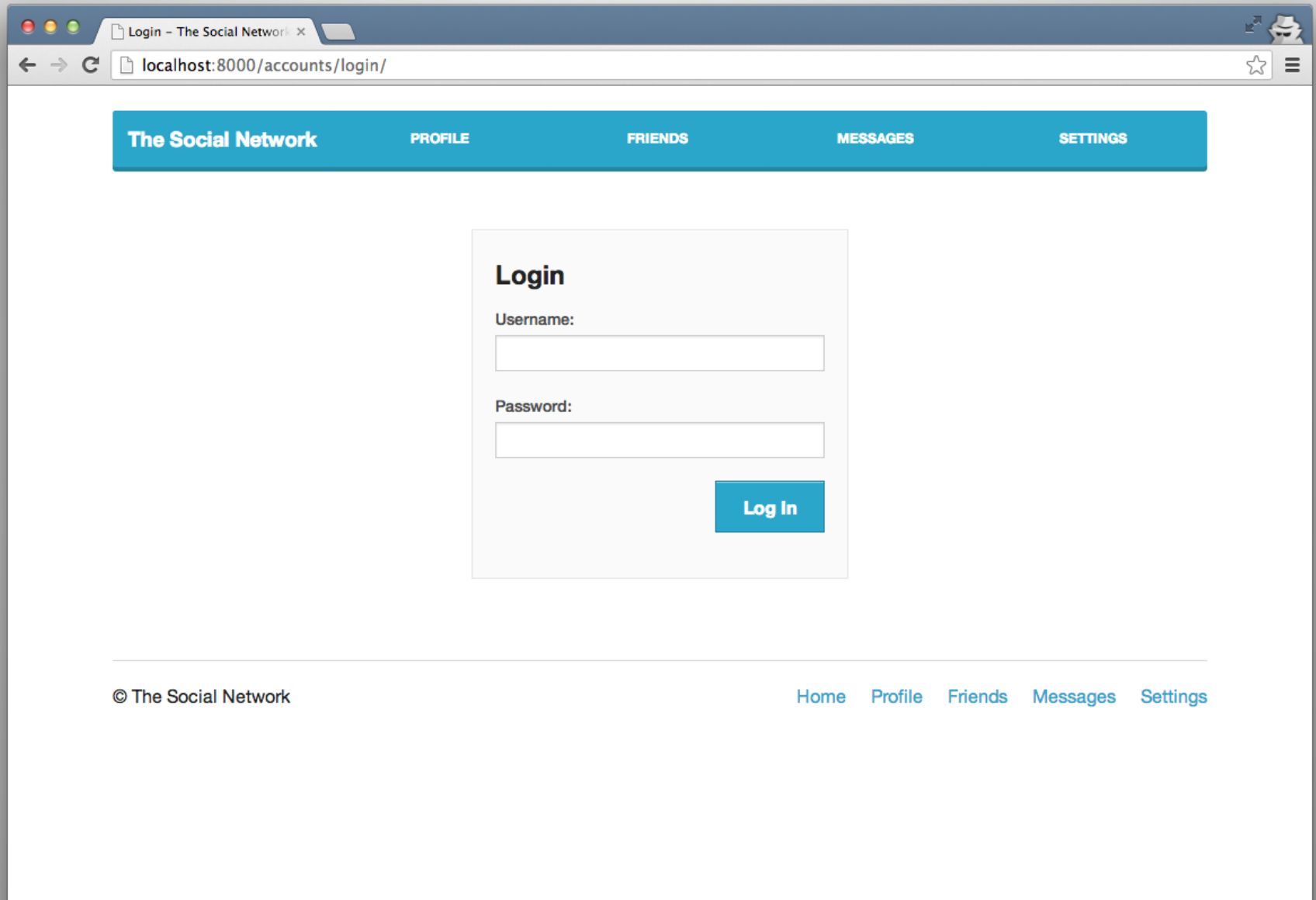
Re-enter Email

Password

Confirm Password

**Register**

# User Interface: User Login

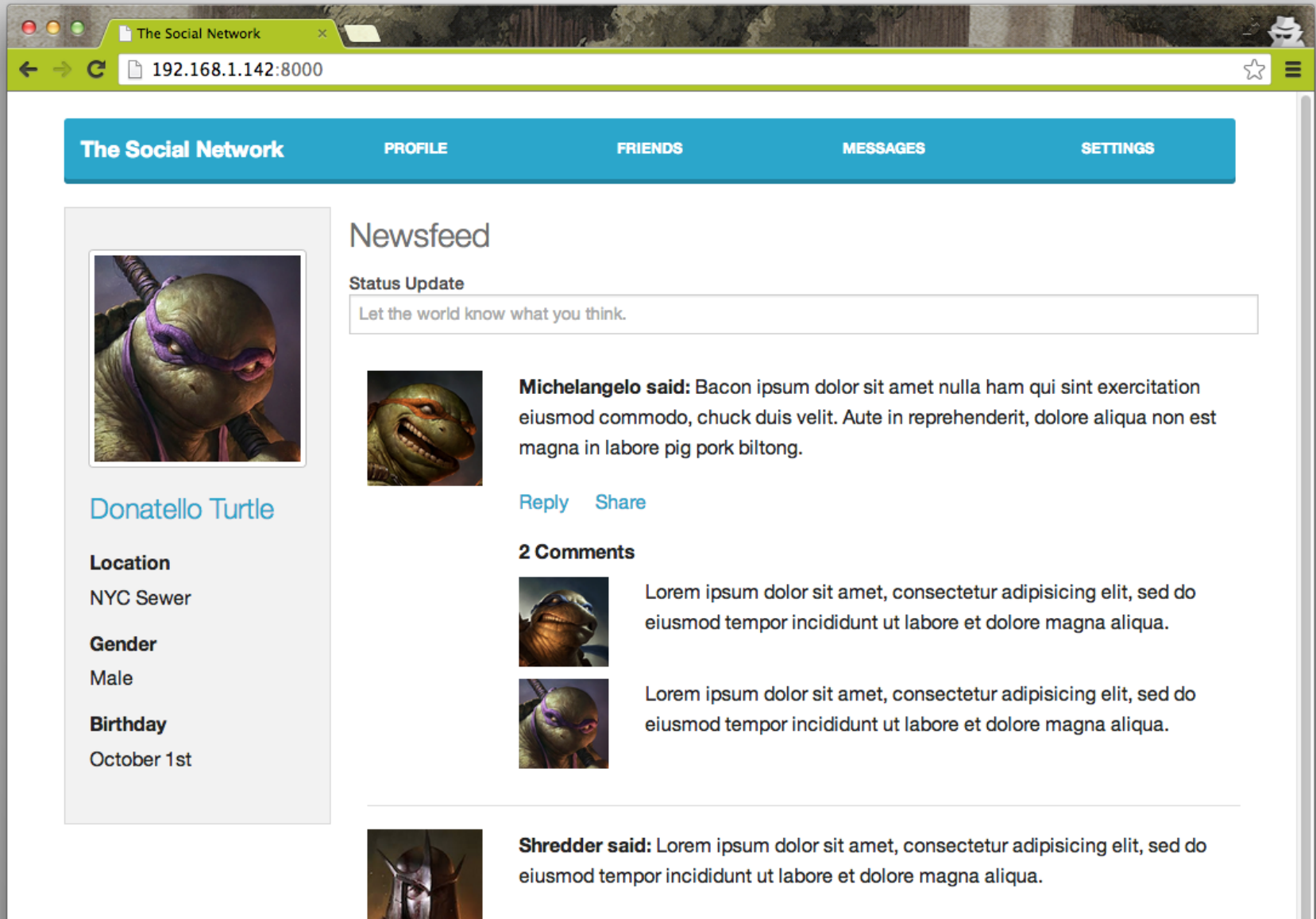


The screenshot shows a web browser window with the title 'Login - The Social Network'. The address bar displays 'localhost:8000/accounts/login/'. The page features a blue navigation bar with the following links: 'The Social Network', 'PROFILE', 'FRIENDS', 'MESSAGES', and 'SETTINGS'. The main content area contains a 'Login' form with the following elements:

- Login** (Section Header)
- Username:** (Label) followed by a text input field.
- Password:** (Label) followed by a text input field.
- Log In** (Button)

The footer of the page includes the copyright notice '© The Social Network' on the left and a set of links ('Home', 'Profile', 'Friends', 'Messages', 'Settings') on the right.

# User Interface: News Feed





# User Interface: User Profile

Donatello Turtle

192.168.1.142:8000/profiles/

☆

☰

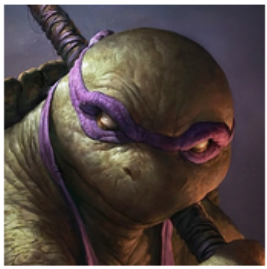
The Social Network

PROFILE

FRIENDS

MESSAGES

SETTINGS



Donatello Turtle

**Location**  
NYC Sewer


**Gender**  
Male

**Birthday**  
October 1st

Donatello's Profile

Status Update


Let the world know what you think.




Bacon ipsum dolor sit amet nulla ham qui sint exercitation eiusmod commodo, chuck duis velit. Aute in reprehenderit, dolore aliqua non est magna in labore pig pork biltong.

Reply Share

1 Comment



Bacon ipsum dolor sit amet nulla ham qui sint exercitation eiusmod commodo, chuck duis velit. Aute in reprehenderit



**Michelangelo said:** Bacon ipsum dolor sit amet nulla ham qui sint exercitation eiusmod commodo, chuck duis velit. Aute in reprehenderit, dolore aliqua non est magna in labore pig pork biltong.

Reply Share

2 Comments

# Tools & Technologies Used



## Overview:

1. Python 2.7
2. SQL
3. JavaScript
4. Amazon Web Services

## Back End:

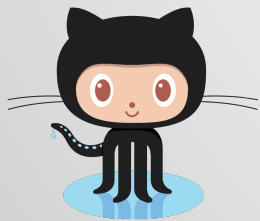
1. Django 1.5
2. SQLite

**django**



## Front End:

1. Zurb Foundation
2. jQuery



Fork Us!

<https://github.com/sreisner/socialnetwork>



**Questions? =]**