

# Talkatiel

**An Anonymous, Location-Based Forum**

# Requirements - Purpose

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- Platform for sharing ideas and thoughts with the community
- Forcing anonymity allows honest dialog

# Requirements - Novelty

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- Creates a unique way to interact with other members of the community
- Focused for college campuses, location based
- Completely anonymous social media

# Requirements - Major Features

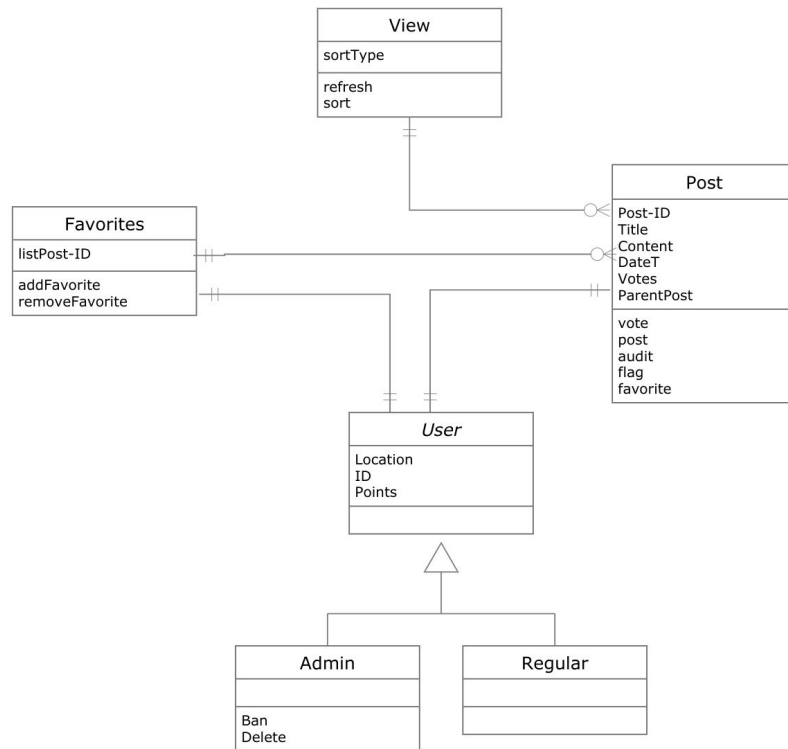
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- Secure: Utilize HTTPS, secure data management
- Network Independent: App will cache data for offline use
- Responsive: App will be fast and light for mobile
- Deep Linking: Posts will have unique URLs
- Cross-Browser: Webpage should work across all browsers
- Standard App Manifest: Metadata file will be included, giving control to orientation, display, and theming

# Design - Class Diagram

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- View Class
  - Controls what is displayed on the screen
- Post Class
  - Manages the creation and storage of individual posts
- Favorites Class
  - Tied directly to each user
- User Class
  - Abstract class containing both Admin and Regular user types



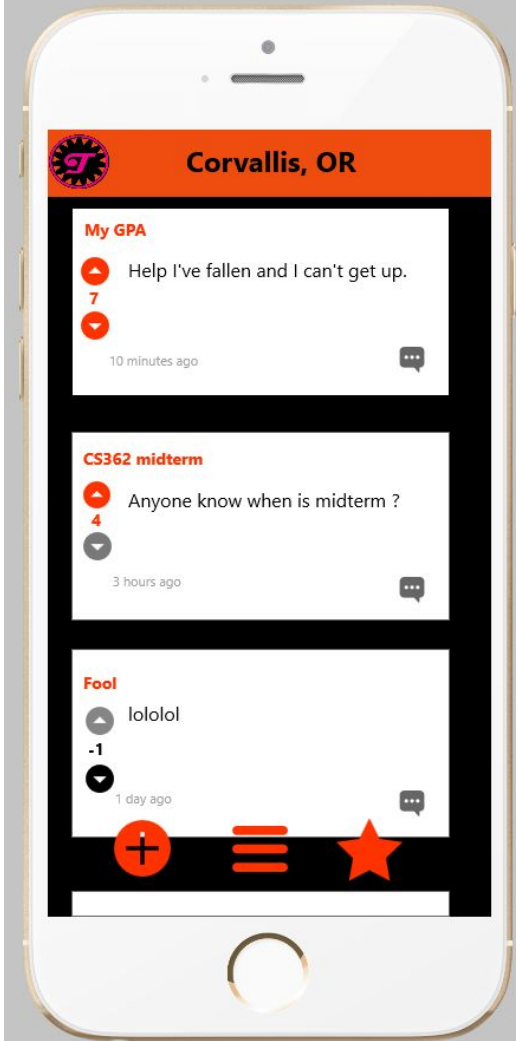
# Design- User Interface

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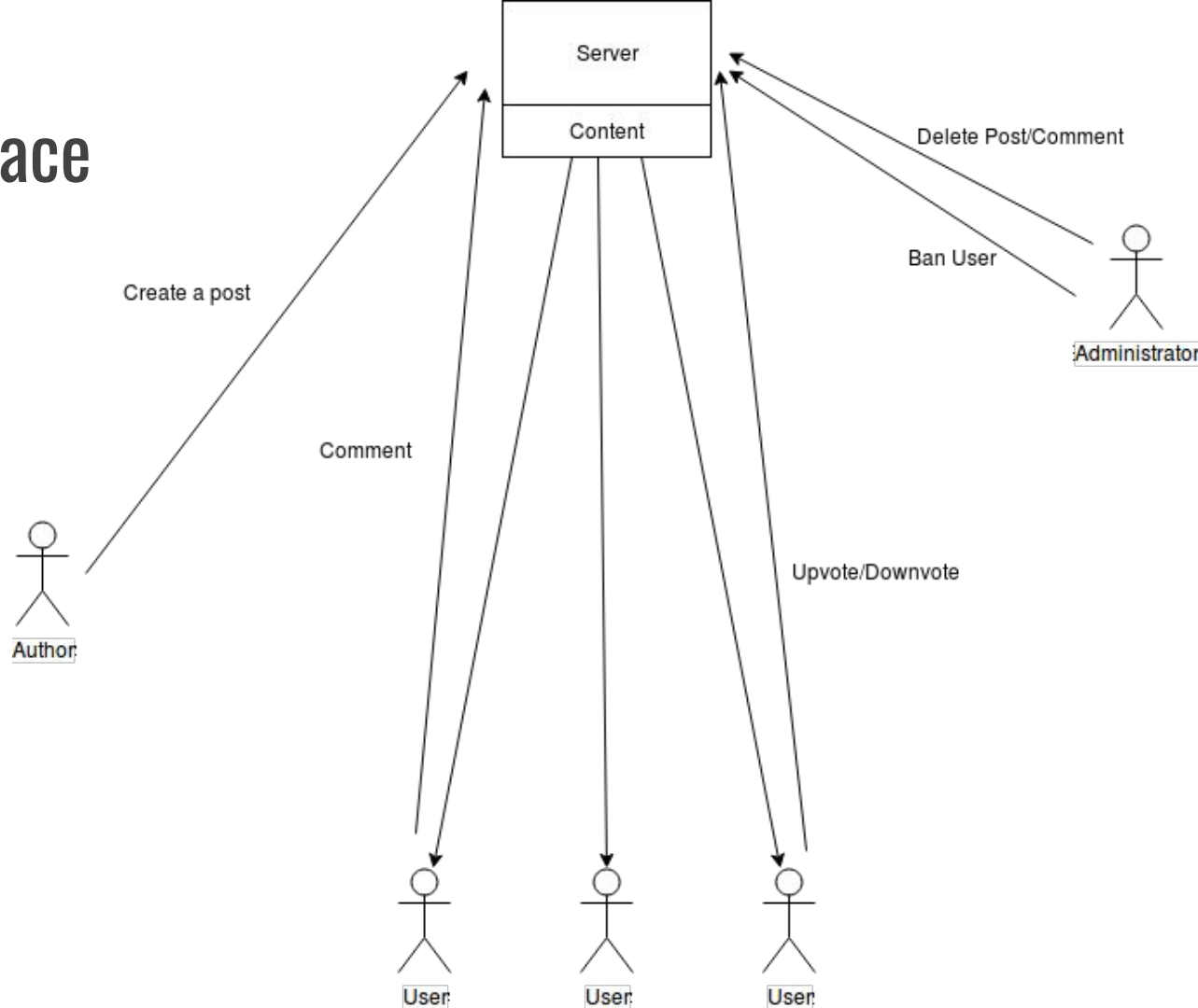
-Card Style Browsing

-Intuitive

-Simplistic



# Design- User Interface



# Design - Sequence Diagram

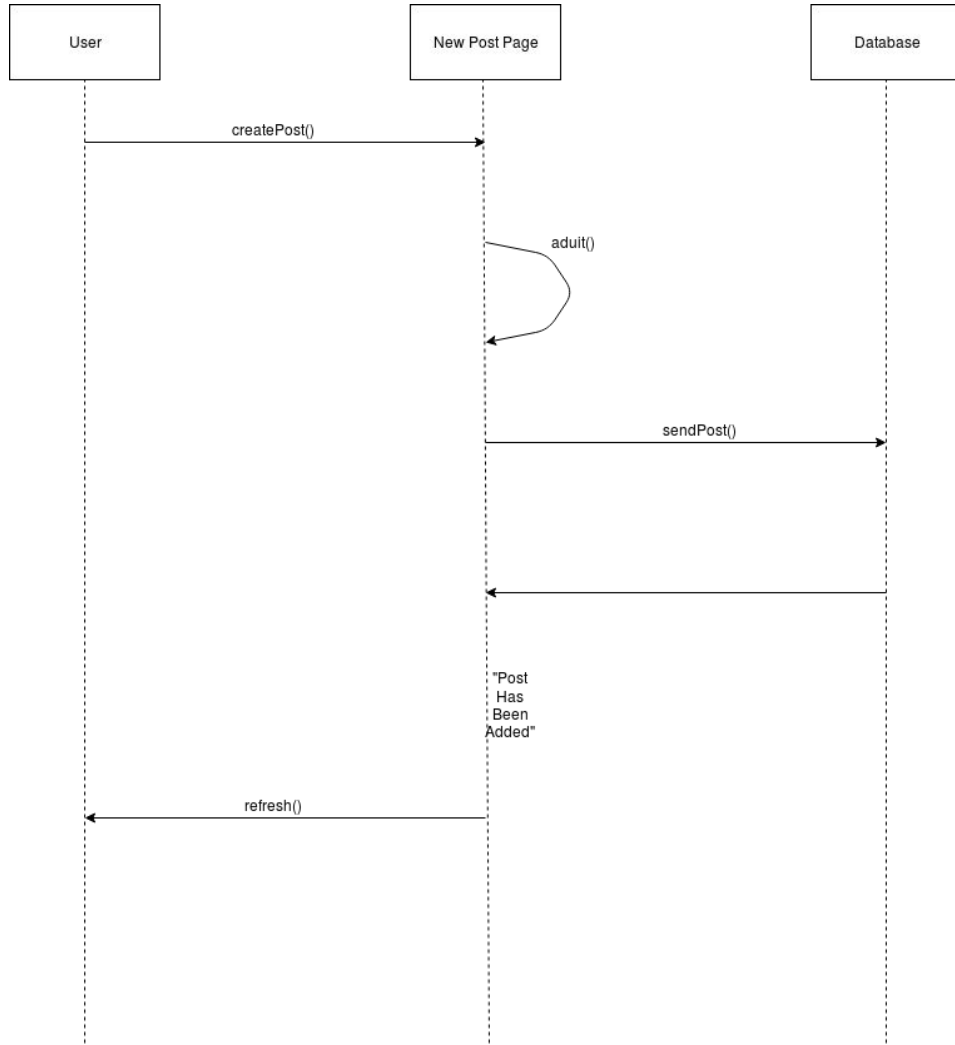
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-Creating a post will be used often within the app.

-USER->FRONTEND->BACKEND

-USER<-FRONTEND<-BACKEND

-User is notified of change and page is refreshed.





# Planning - Tasks

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SRP- Software Requirements and Planning will be created

SDSUI- User UI will be designed

DIS- Design and Implementation of the System will be made

User Stories- User wants and needs will be surveyed

Final Product- Project will be finalized

Evaluation- Project and team members will be evaluated

# Planning- Scheduling

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Jan 29, 2018- SRP

Feb 5, 2018 - SDSUI

Feb 12, 2018 - DIS

Feb 19, 2018 - User Stories

March 19, 2018 - Final Product

March 23, 2018 - Evaluation

# Risk Analysis - Risks

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- Malicious users flood forum with responses
- Database is breached, releasing gathered user information

# Risk Analysis - Risk Management

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- Users will be required to validate with a cell phone number, limiting the reach of a malicious user.
- Users found constantly violating terms will have the number banned from the system
- All user data will be hashed and salted whenever possible