

***Guttershipe (0.3)***

***Software Requirement  
Specifications***

# Table of Contents

1. Introduction
  - 1.1. Proposal
  - 1.2. Technical Introduction
    - 1.2.1. Purpose
    - 1.2.2. Scope
    - 1.2.3. Acronyms and Abbreviations
    - 1.2.4. Summary
2. Overview
  - 2.1. Use Case Diagram
    - 2.1.1.
  - 2.2. Collaboration Diagrams
    - 2.2.1. SHAREABLE: READ
      - 2.2.1.1. ViewShareable
      - 2.2.1.2. SearchShareables
    - 2.2.2. ACCOUNT CONTROL: EXTERNAL
      - 2.2.2.1. Login
      - 2.2.2.2. Register
      - 2.2.2.3. RecoverPassword
    - 2.2.3. ACCOUNT CONTROL: INTERNAL
      - 2.2.3.1. EditProfile
      - 2.2.3.2. EditSchedule
      - 2.2.3.3. RenewMembership
      - 2.2.3.4. ChangePassword
      - 2.2.3.5. Logout
      - 2.2.3.6. DeleteAccount
    - 2.2.4. SHAREABLE: CREATE, UPDATE, DELETE
      - 2.2.4.1. AddShareable
      - 2.2.4.2. EditShareable
      - 2.2.4.3. DeleteShareable
    - 2.2.5. SHAREABLE: ANNOTATE
      - 2.2.5.1. RateShareable
      - 2.2.5.2. CommentOnShareable
      - 2.2.5.3. DeleteComment
    - 2.2.6. COMMUNICATIONS
      - 2.2.6.1. SendMessage
      - 2.2.6.2. ReadMessage
      - 2.2.6.3. DeleteMessage
      - 2.2.6.4. BlockUser
3. Class Definitions and Diagrams
  - 3.1. User and Subclasses
    - 3.1.1. User and Subclasses Diagram
    - 3.1.2. User Definition
    - 3.1.3. Guttersnipe Definition
    - 3.1.4. Boss Definition
  - 3.2. Shareable and Parts
    - 3.2.1. Shareable and Parts
    - 3.2.2. Shareable Definition
    - 3.2.3. Time Definition,
    - 3.2.4. Thing Defintition
  - 3.3. 3.3.ER Class Diagram
4. Screenshots from 0.2 release and Future Wireframes
  - 4.1. Front Page
  - 4.2. Create Shareable Wizard

- 4.2.1. CreateShareable: Start
- 4.2.2. CreateShareable: Instructions
- 4.2.3. CreateShareable: Describe
- 4.2.4. CreateShareable: Classify (I)
- 4.2.5. CreateShareable: Classify(2)
- 4.2.6. CreateShareable: Map
- 4.2.7. CreateShareable: Schedule (1)
- 4.2.8. CreateShareable: Schedule (2)
- 4.2.9. CreateShareable: Schedule (3)
- 4.3. SearchShareable
  - 4.3.1. SearchShareable: ResultList
  - 4.3.2. SearchShareable: ResultCalendar
  - 4.3.3. SearchShareable: ResultMap
  - 4.3.4. SearchShareable: SearchByCategory
  - 4.3.5. SearchShareable: SearchByTag
  - 4.3.6. SearchSharable: SearchByLocation
  - 4.3.7. SearchShareable: SearchByTime
- 4.4. Authentication
  - 4.4.1. SignIn
  - 4.4.2. SignUp
- 4.5. Documentation
  - 4.5.1. Mission Page
  - 4.5.2. FAQ
  - 4.5.3. Presentation (2013)
    - 4.5.3.1. Start
    - 4.5.3.2. Objective
    - 4.5.3.3. Audience
    - 4.5.3.4. Consultations
    - 4.5.3.5. Other Sites
    - 4.5.3.6. Q: Method
    - 4.5.3.7. A: Method
    - 4.5.3.8. Example
    - 4.5.3.9. REprot
    - 4.5.3.10. Result
    - 4.5.3.11. Research
    - 4.5.3.12. Fin
  - 4.5.4. Administrative
    - 4.5.4.1. Legal
    - 4.5.4.2. About
    - 4.5.4.3. Contact
  - 4.5.5. Kropotkins
    - 4.5.5.1. Kropotkin Quotes
  - 4.5.6. Screensize
    - 4.5.6.1. Dropdown top menu (1)
    - 4.5.6.2. Droptown to menu (2)

## Part 1: PROPOSAL

**1. What is the site/app?**

Guttersnipe is a web portal and mobile app that caters to anarcho-communist street youth (and adults) who desire to subvert capitalism by sharing resources.

It will enable people to broadcast to each other locations of shareable resources, distributed among three main categories:

1. Housing: squats, abandoned buildings, punk houses, etc.
2. Food: dumpsters, Food Not Bombs, free meals, etc.
3. Healthcare: clinics, needles, condoms, etc.
4. Movement: rideshares, train maps

Eventually, other types of resource sharing will be integrated into the application.

Each Shareable will be characterized as a

1. Thing: Categorization and Tags
2. Space: Geolocation
3. Time: Schedule

Further development will require a close study of the writings of Kropotkin and Fourier.

**2. What need does this meet? or problem does it solve?**

This application serves the urgent need to overthrow capitalism by helping people to self-organize outside and beyond the market of commerce.

The ultimate intention is to facilitate the creation of alternate avenues of exchange, freely organized by free individuals.

**3. Who is going to go/use to this site/app?**

In the current incarnation, it is mostly aimed towards the freegans gutterpunks, who live off of dumpstered food, live in squatted housing, and travel by hopping trains.

As we get a better sense on the needs of the anticapitalist community and possibilities for alternative organizing, we will expand the possibilities for anti-market resource sharing.

**4. Why will they go to this site/app?**

To find food, clothing, shelter, etc.

**5. Why will they keep coming back to your site/app?**

See above.

**6. How is it different from other similar sites?**

There are similar sites of various types, but many of them have certain faults.

There is a site called rideshare.com; there is a site named couchsurfer.com; there is freecycle.com, which allows the sharing of goods.

These are all laudable efforts. Some of these are marred by an underlying desire for profit. But some of them are motivated out of genuine desire to promote Mutual Aid.

The very mission of Guttersnipe.net will be to promote the organization of the lumpenproletariat and to create alternative exchanges outside of capitalism. This mission will enable Guttersnipe.net to be singularly focused on this goal.

It will thus be able to bring together whatever resources necessary for the undermining of capitalism: the various services— such as squatting, dumpster diving, hitchhiking, train hopping, resource sharing, etc — will be coordinated on a singular web portal.

In addition, there are several web portals that are dedicated towards the promotion of anarcho-communist goals..

Such sites are

- [Freegan.info](#)
- [Picture the Homeless](#)
- [Squat.net](#)
- [Foodsharing \(Germany\)](#)

Many of our initial design specifications will be taken from the freegan group and Picture the Homeless.

In addition, we intend Guttersnipe to be cross platform, available both via the web and as a mobile app.

To my knowledge, there are not yet any apps dedicated with such a task.

## **7. What steps will a person go through interacting with the site/app?**

Most of the various interactions will be handled using forms.

The various services offered by Guttersnipe all boil essentially boil down to two types of transaction:

1. information submission;
2. information retrieval.

One person posts about an abandoned building or a good dumpster; another person searches for such information.

**\*\* All Users can view a Shareable or search all Shareables.**

Shareables can be searched and results will be shown with the following data:

1. Thing: Description, Categorization, Tags
2. Space: Map
1. Time: Calendar

**\*\* Guttersnipe, registered users, can add, edit, and delete Shareables. Guttersnipes may also rate Shareables, comment on Shareables, and erase these comments.**

Guttersnipes can manage their profiles, which contains their availability schedules, names, account expiration date, optional email, optional password, optional location, optional contact info.

All guttersnipes expire after a certain date, but this date may be extended at any time.

Guttersnipes can communicate to each other messages that contain Schedules and Text in order to coordinate a meeting time.

**\*\* Bosses**

Bosses are Guttersnipes with administrative capacities.

They can delete any Guttersnipe account, any Shareable, and any Comment.

#### Practical Constraints

##### ***Security***

We will have to build in a security infrastructure in the project in order to guarantee anonymity of transactions.

Tor will be used to anonymize transactions.

Whisper will be used to encrypt communications and interactions.

The host server will have to be able to run Python/Flask.

### 1.1. Purpose

Guttersnipe promises to be a platform for individuals and groups to freely share resources such as food, shelter, and medicine.

This Document will detail the features of Guttersnipe, and will serve as a guide to developers, and as a legal document and users manual for prospective clients.

### 1.2. Scope.

#### 1.2.1. Users

##### 1.2.1.1. User

All System users can search the Shareables view a single Shareable, and read the rating and the comments ascribed to it.

##### 1.2.1.2. Vagrant: This class represents all visitors to the site who has not yet signed in as a member.

The Vagrant class inherits all the properties and functionalities of the baseclass User.

All Vagrants may register to become a user, may login as a user, and may retrieve a lost username or password.

##### 1.2.1.3. Guttersnipe: This class represents a user who has registered for an account in the system.

This class inherits all the properties and functionalities of the baseclass User.

In addition, the Guttersnipe can exercise control over its own account. The Guttersnipe may edit its own profile, and edit its own availability schedule. It may renew its membership and change its password. It may logout of its account.

The Guttersnipe may also create a new Shareable, and edit or delete a Shareable that it has created.

The Guttersnipe may rate or comment on a Shareable and may delete a previous comment.

The Guttersnipe may send messages and send the schedules of other Guttersnipes. It may read messages and schedules as well. It may block any other Guttersnipe except for a Boss.



1.2.1.4. Boss: The Boss class represents the administrative users of the System.

Bosses have all the same properties and functionality as the Guttersnipe, but their functionalities are unlimited in scope.

The Boss may edit or delete any Shareable, may delete any User, and may delete any comment.

### 1.2.2. Business Objects

1.2.2.1. Shareable: Each shareable is classified according to its categorization and description, its schedule, and its location.

## 1.3. Acronyms and Abbreviations

1.3.1. V: Vagrant

1.3.2. G: Guttersnipe [User]

1.3.3. B: Boss

1.3.4. SRS: Software Requirements Specification

1.3.5. GUI: Graphical User Interface.

1.3.6. FSM: Finite State Machine.

1.3.7. 1 DB: Database.

1.3.8. 1 ERCD: Entity-Relation Class Diagram.

## 1.4. Summary

The rest of this SRS is organized as follows:

Section 2: Gives the overall description of the Guttersnipe application. It contains the Use-Case diagram and descriptions for Guttersnipe. Section 2 also contains the assumptions and dependencies of the system.

Section 3: Gives specific software requirements and functionalities in the form of Mini Use- Case diagrams along with accompanying Collaboration diagrams, Finite State Machine of the system, and ER Class diagram of the system. This section also contains supplementary software requirements of the systems.

Section 4: GUI Components: The appendix contains user interface prototypes for the system, including many screenshots from the 0.2 release of the application.

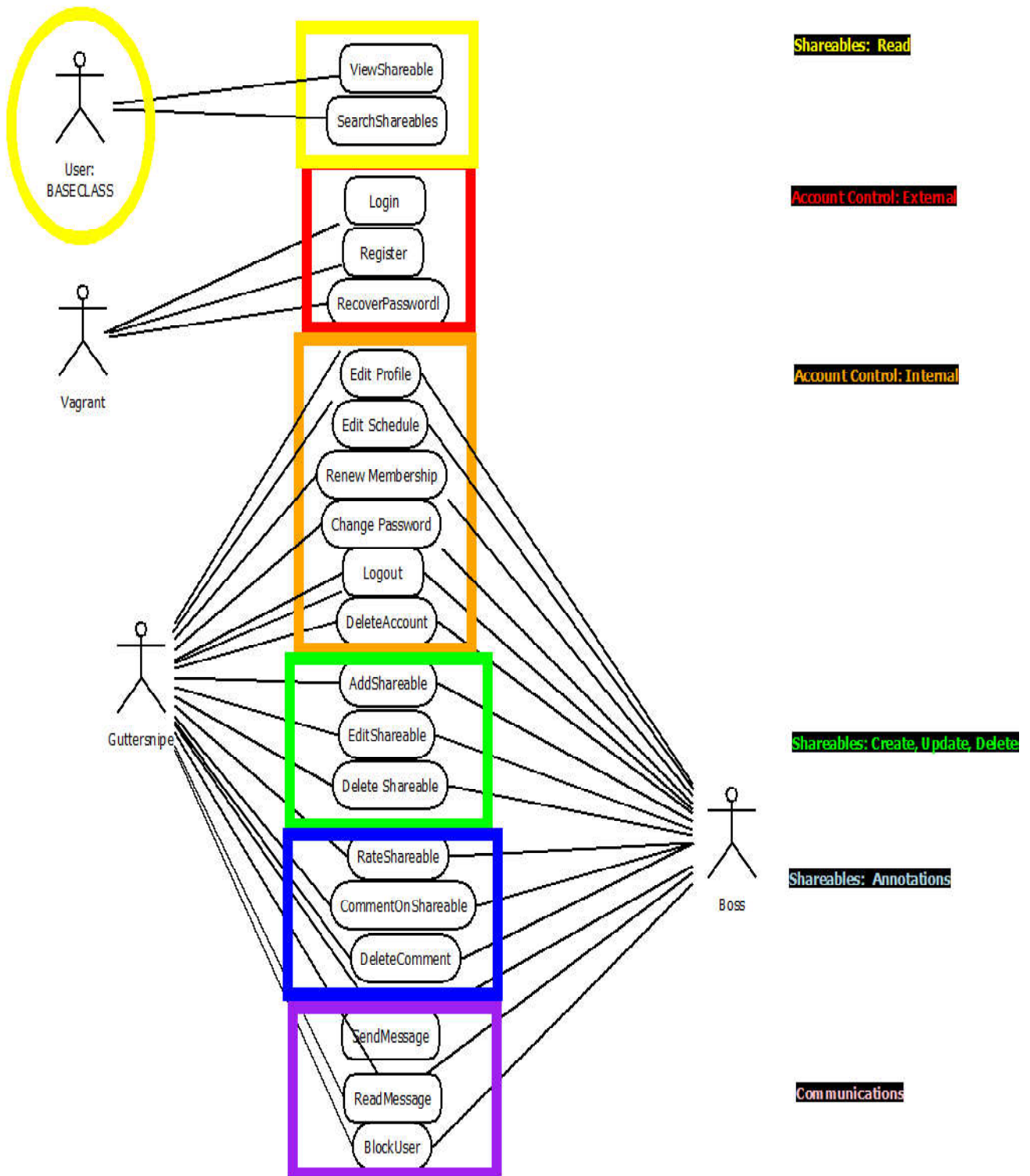
Part 1.2: Technical Introduction

Part 1.3: Acronyms and Abbreviations

Part 1.4: Summary

## 2. Overview

### 2.1 User Case Diagram and Descriptions



## **02.01.01**

### **Usecases: USERS**

**A.**

**B.**

#### **i. User (U)**

a. Shareables (Read)

a) View: **Any U may view a search result.**

b) SearchShareables: **Any U may search for Shareable by Thing (Categorization, Tags), Space (Geolocation), and Time (Schedule)**

#### **ii. Vagrant (V)**

a. Account Management (External)

a) Login: **Any V can login to the system, which transforms V into a G or B .**

b) Register: **Any V may register to become a G.**

c) RetrieveUsername: **Any V may request a username reminder.**

d) RecoverPassword: **: Any V may request a password reminder.**

**C.**

#### **i. Guttersnipe (G)**

a. Account Management (Internal)

a) EditProfile: **Can edit information on own account.**

b) EditSchedule: **Can edit availability schedule.**

c) *RenewMembership*: **Can renew the terminal date of membership**

d) *Logout*: **Can log out of own account.**

e) *ChangePassword*: **Can reset own password..**

f) *DeleteAccount*: **Can delete own account.**

b. Shareables (Create, Update, Delete)

a) *CreateShareable*: **Can add a Shareable resource.**

b) *UpdateShareable*: **Can update Shareable created by self.**

c) *DeleteShareable*: **Can delete Shareable created by self.**

c. Shareables (Annotate)

a) *RateShareable*: **Can rate any shareable**

b) *CommentOnShareable*: **Can comment on any shareable.**

c) *DeleteComment* **Can delete own comment.**

d. Communications

a) *SendMeetup*: **Can communicate message (schedule + text) from other Guttersnipe.**

b) *ReadMessage*: **Can read message inbox.**

c) *SetSchedule*: **Can set availability calendar.**

d) *BlockUser*: **Can block any other user except Boss.**

ii. **Boss (B)**

**Boss has same capabilities as Guttersnipe, but they are**

***unrestricted to apply to all system users. The relevant overrides are as follows:***

- a. **UpdateShareable: Can update Shareable created by any user.**
- b. **DeleteShareable: Can delete Shareable created by any user.**

***a) Deleting a Shareable account triggers DeleteAccount, DeleteComments and DeleteShareables for that User.***

***D.***

- a. **DeleteComment Can delete Comment written by any user.**

***a) Deleting a Comment triggers DeleteAccount, DeleteComments and DeleteShareables for that User.***

***E.***

- a. **DeleteAccount: Can delete the account of any user, except for another Boss.**

***a) Deleting a user account triggers DeleteComments and DeleteShareables for that User.***

- b. **BlockUser: Triggers a DeleteAccount option for the blocked user.**

***a) Blocking a user account triggers DeleteAccount, DeleteComments and DeleteShareables for that User.***

***F.***

***G.***

## 02.02.01

# Client / Server Assumptions and Dependencies

### Previous release

The previous release (0.2.1.5) of Guttersnipe was a MEAN stack application, utilizing Mongo/Mongoose, Node, Express, and Angular 1.x.

The deployment of a node application requires a server or PAAS that supports a node engine. We find this constraint too restrictive because many servers do not have a node engine, including the servers where we hope to do our initial deployments.

Although Mongo/NoSql is a fine technology, we believe that rapid, optimized database queries can best be done with an SQL database, which will obviate the need for a lot of the “middle-tier” post-processing of results from a database query.

### Current release

Client. The client requires a contemporary browser that supports standard HTML 5, CSS 3, and Javascript. It will use Angular 2.x as a front-end framework.

The application will be ported to mobile devices initially by taking advantage of libraries like phonegap which allow one to use the device webview to deploy web interfaces. Native Android/ iOS ports may be attempted as well.

For backend technologies, we sought a technology that could easily be ported to a variety of servers where no superuser access is required. We dislike bulky frameworks, preferring to add components as we need them. To this end, we have chosen the Flask / Python framework.

# SPECIFIC REQUIREMENTS



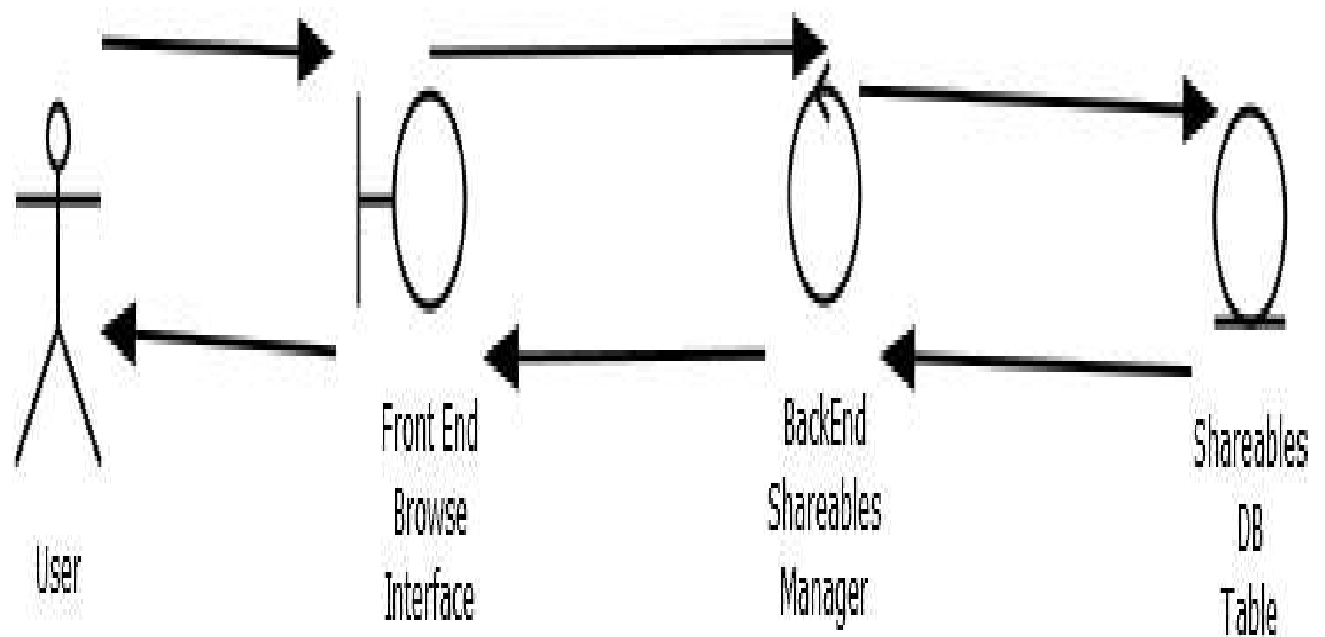
# **Collaboration Diagrams**

3. 2. 1.    SHAREABLE:    READ

03.01.04.xx

View Shareable

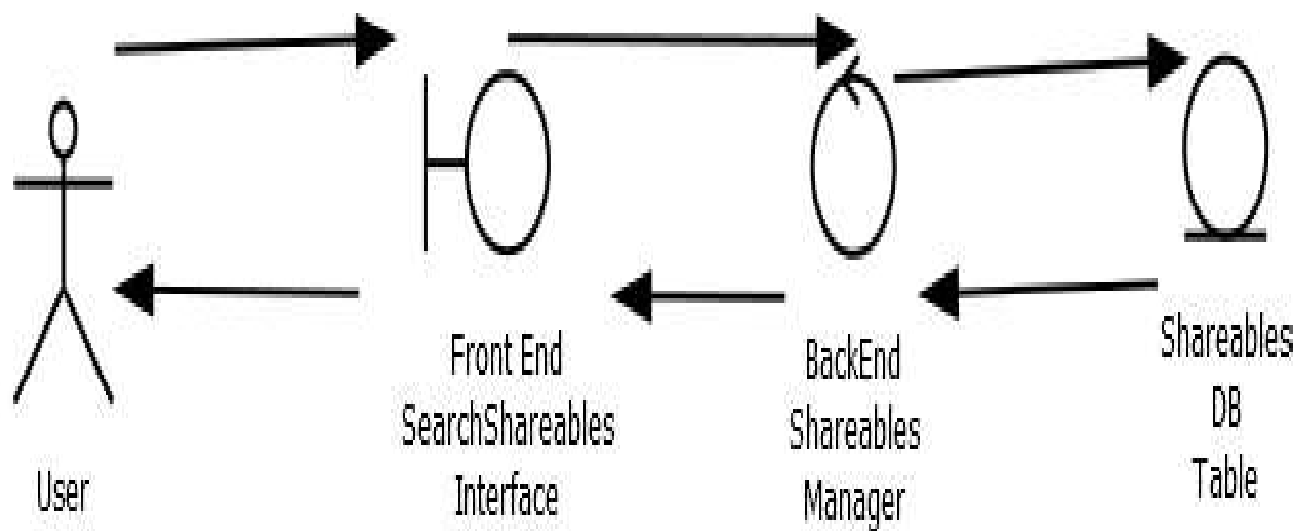
Collaboration Diagram



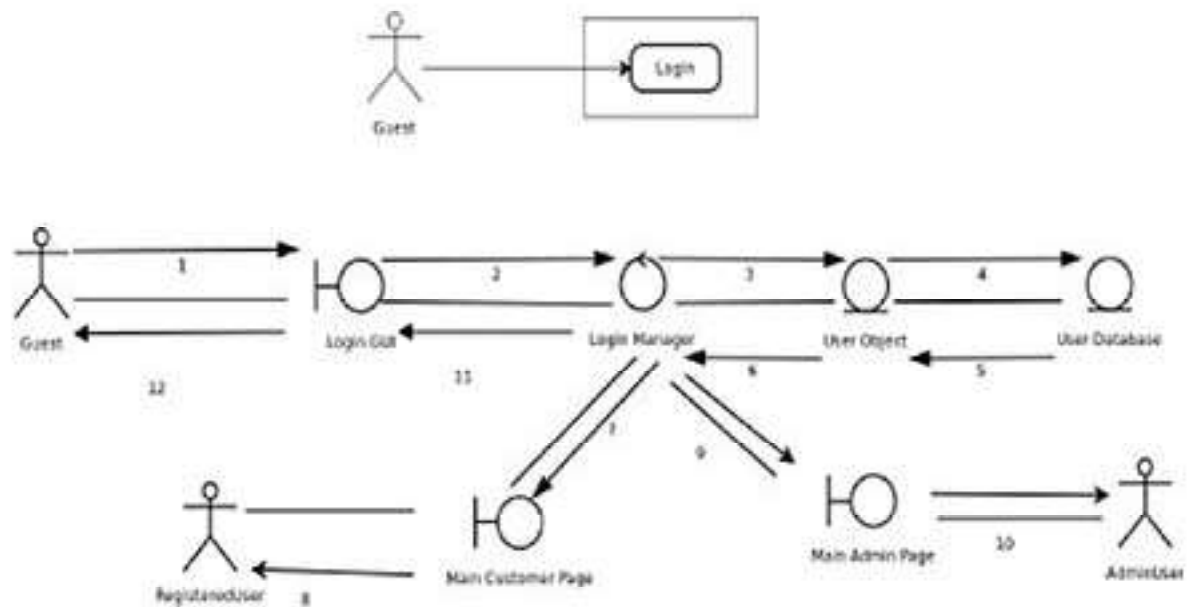
03.01.04.XX

Search Shareables

Collaboration Diagram



### 3. 2. 2. ACCOUNT CONTROL: EXTERNAL



1. Guest User fills in account information on the login page
2. User info passed to login manager
3. Pass login info to user object
4. Login object queries user database with login info
5. User database passes back query results to user object.
6. Login manager receives results
7. Login manager shows main customer page
8. System recognizes end user as Customer
9. Login manager shows main admin page
10. System recognizes end user as Admin

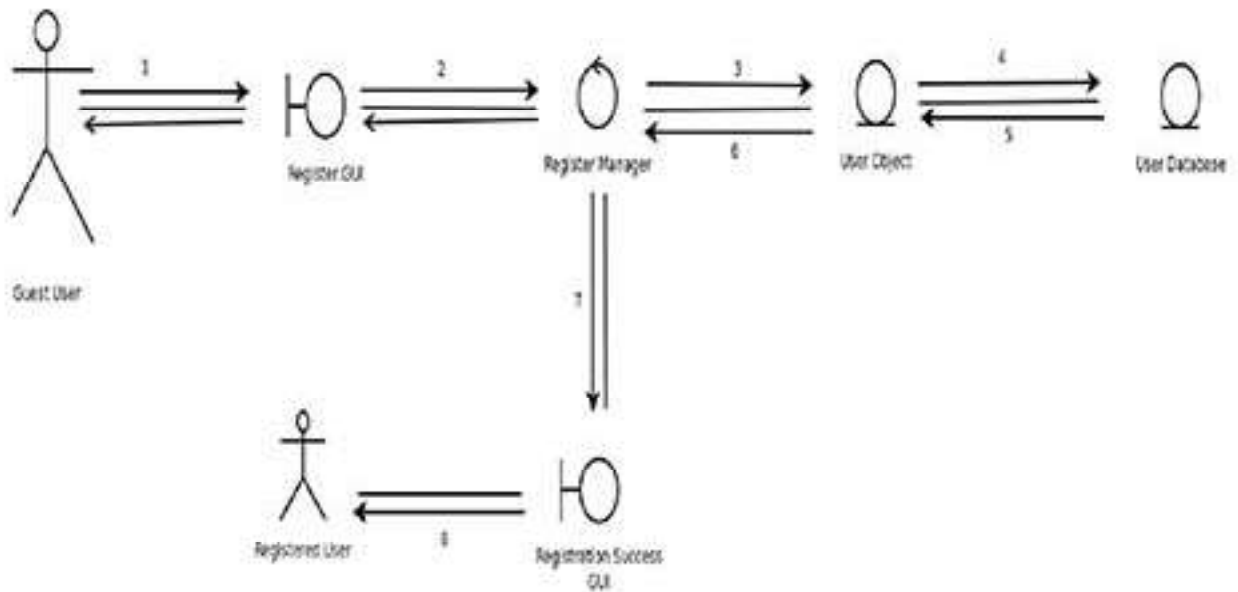
#### Exception 1

5. DB error sent to Login Object
6. Failure sent to Login Manager
11. Login manager presents Failure message on GUI
12. Guest receives error message

#### Exception 2

7. First time login user present with choose interest page

**Figure B2: Login**



1. Guest User clicks on "Register GUI" to be registered as a user.
2. The information is then passed to the register object.
3. This information is passed to the user object and generates password.
4. The information is stored in the user database.
5. User database send the information to user object.
6. The correct information passed from the user object is then passed to register object.
7. This opens a new GUI and welcomes the new user.
8. This turns a Guest User be a Registered User.

#### Exceptional Case:

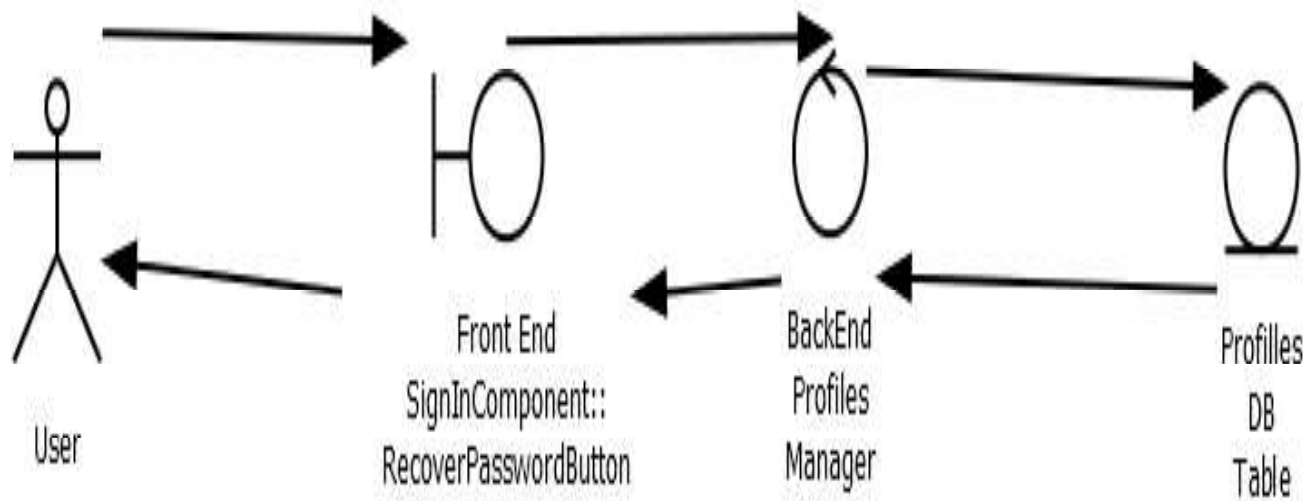
1. The visitor enter the information and clicks "Submit".
2. The information is passed to Register Object.
3. The processed information is wrong so is returned to Register GUI.
4. Guest User is specified the information provided is wrong.

## B1: Register

03.01.04.XX

Recover Password

Collaboration Diagram



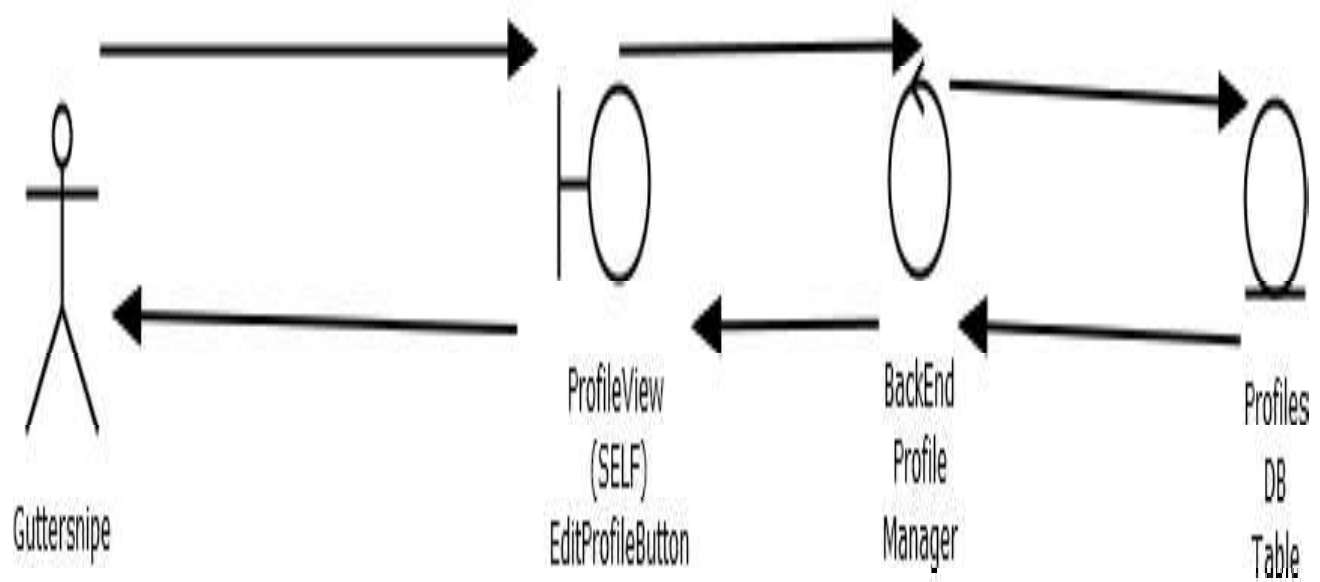


### 3. 2. 3. ACCOUNT CONTROL: INTERNAL

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Edit Profile

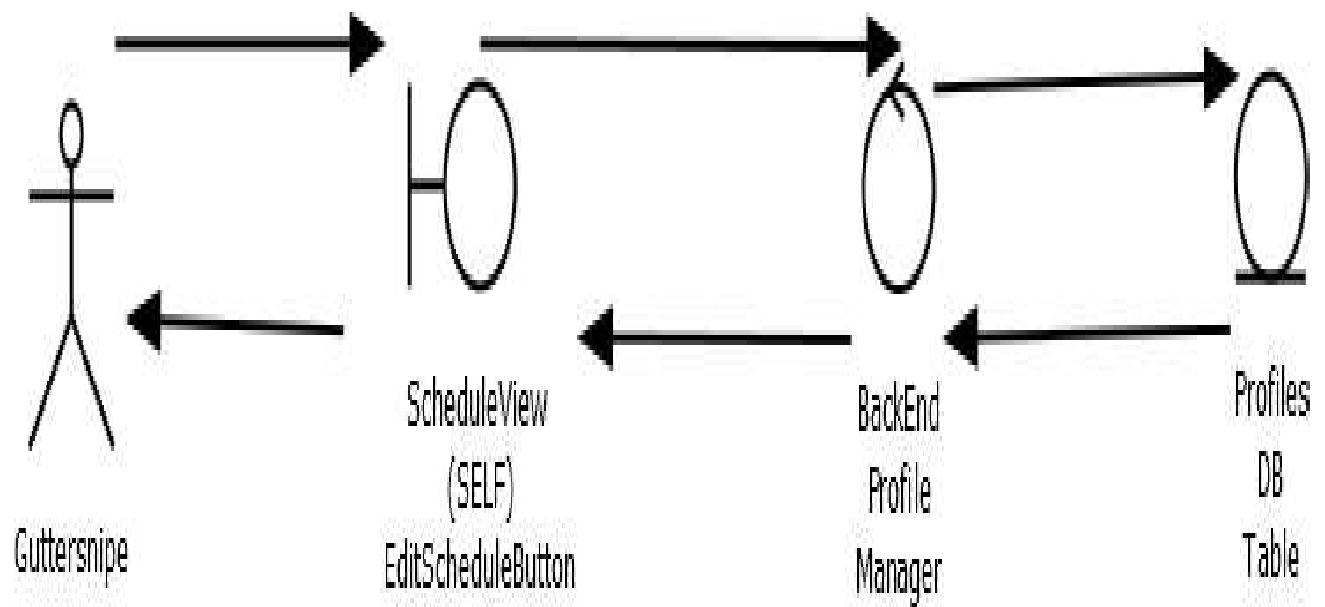
Collaboration Diagram



03.01.04.xx

EditSchedule

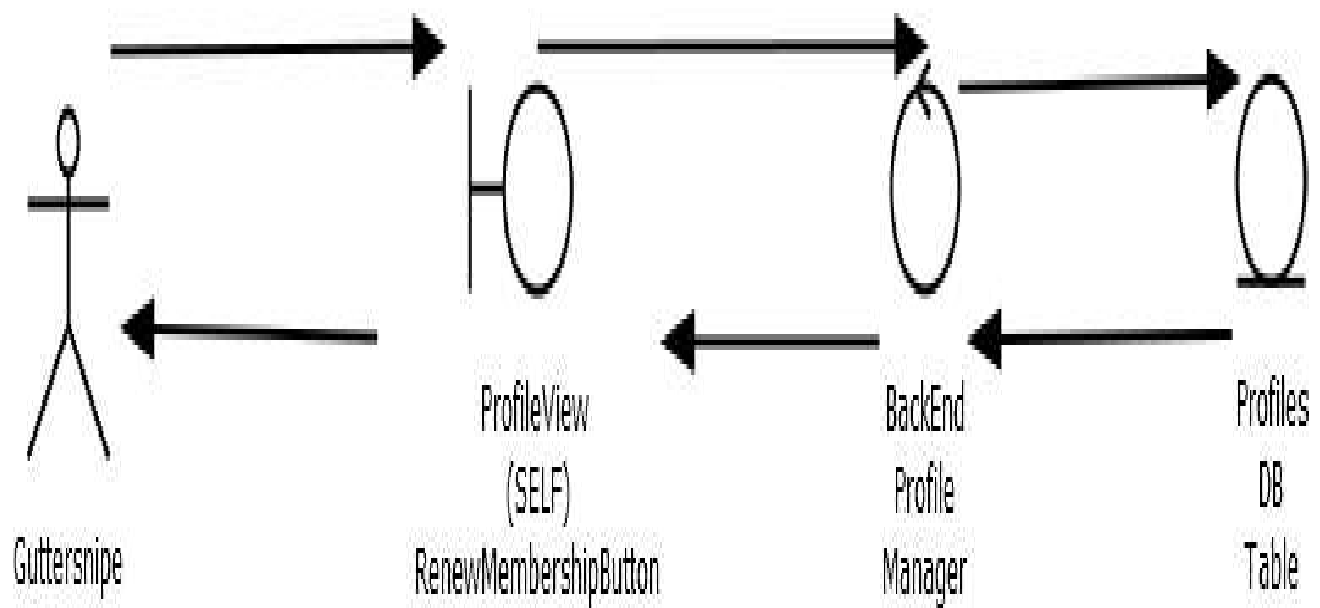
Collaboration Diagram



03.01.04.01

Delete Shareable

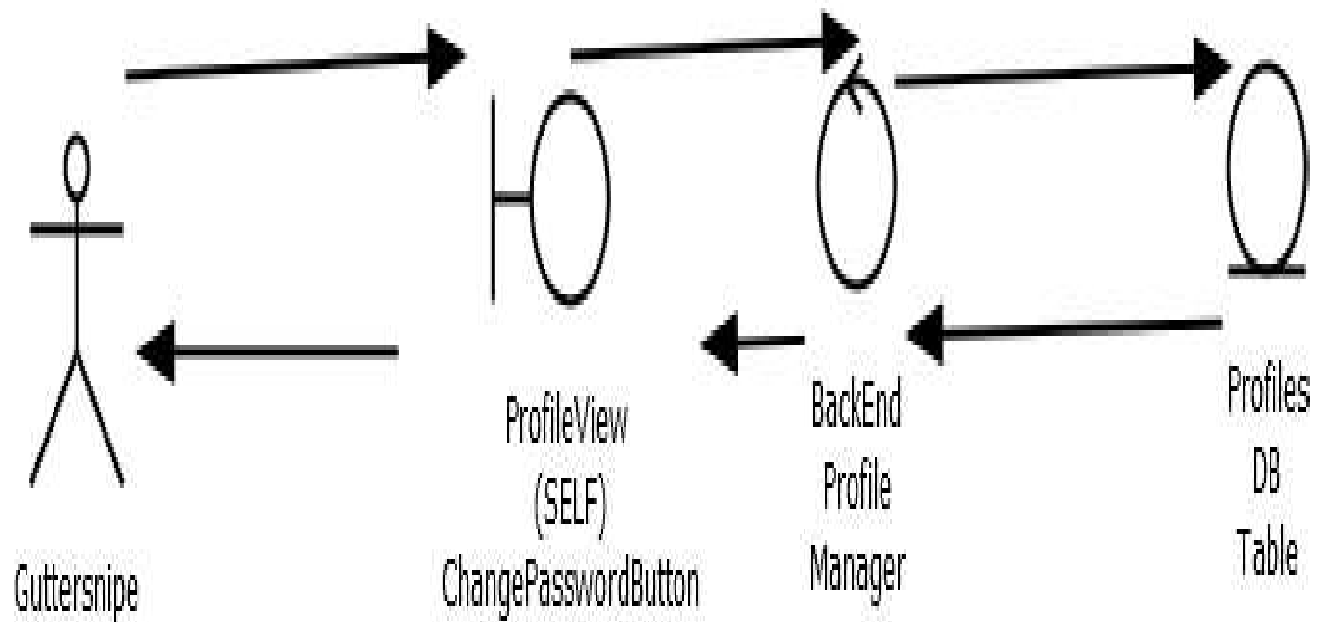
Collaboration Diagram

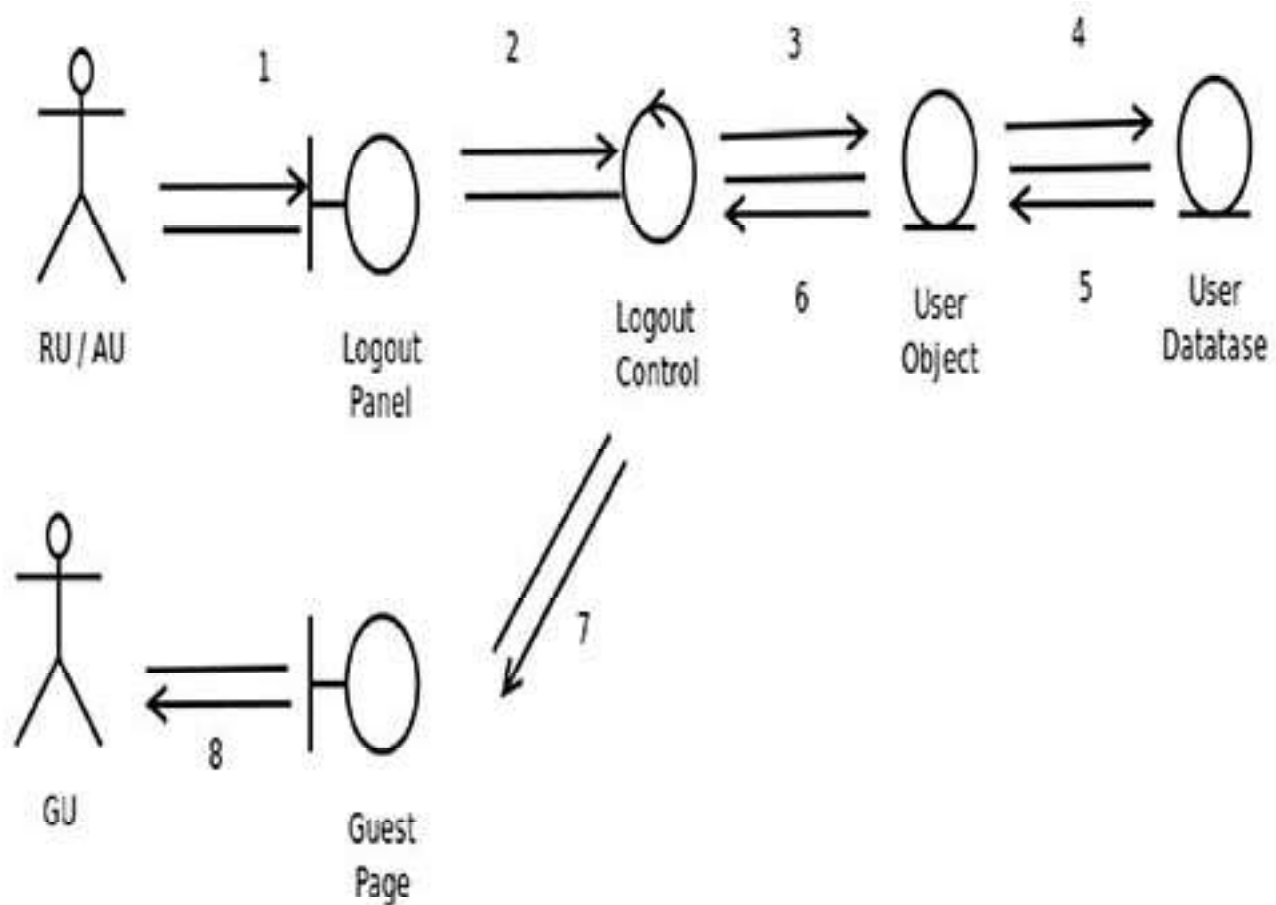


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## Change Password

### Collaboration Diagram





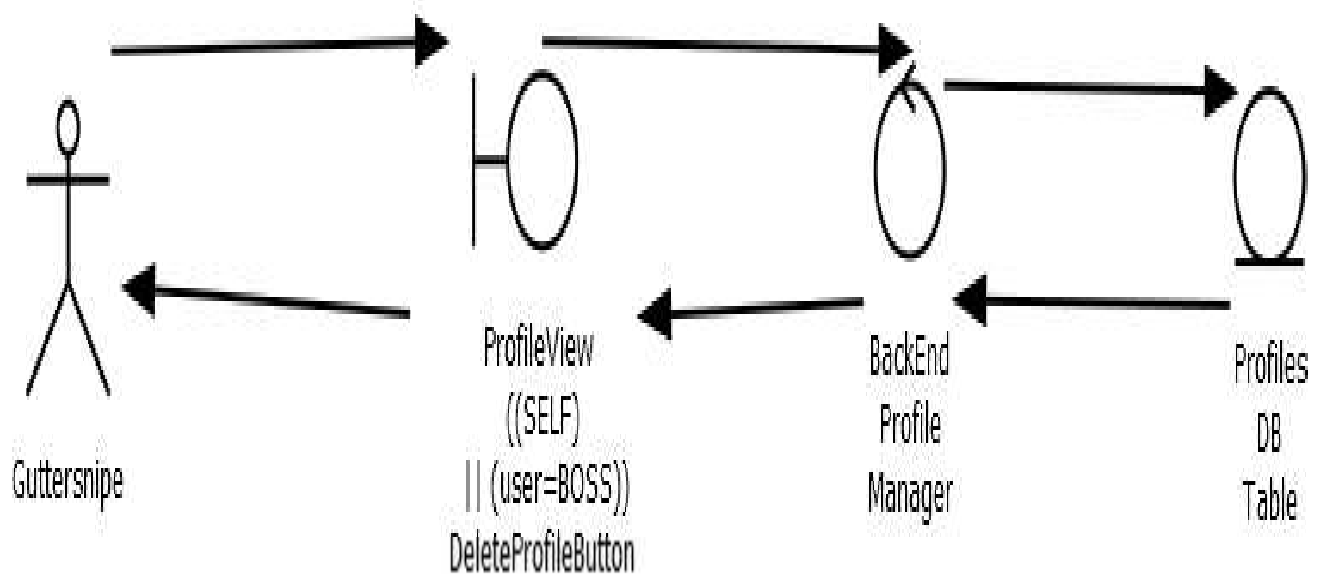
1. Registered User/Admin User clicks on the Logout button
2. Logout Control processes request, verifies user's desire to logout
3. Controller passes logout to user database, ends user's session, completes any pending transactions
4. Database returns results to Logout Control
5. Logout Control produces Guest page stating "You have now been logged out"
6. End User is now considered to be a Guest

**Figure C8: Logout**

03.01.04.xx

Delete Profile

Collaboration Diagram



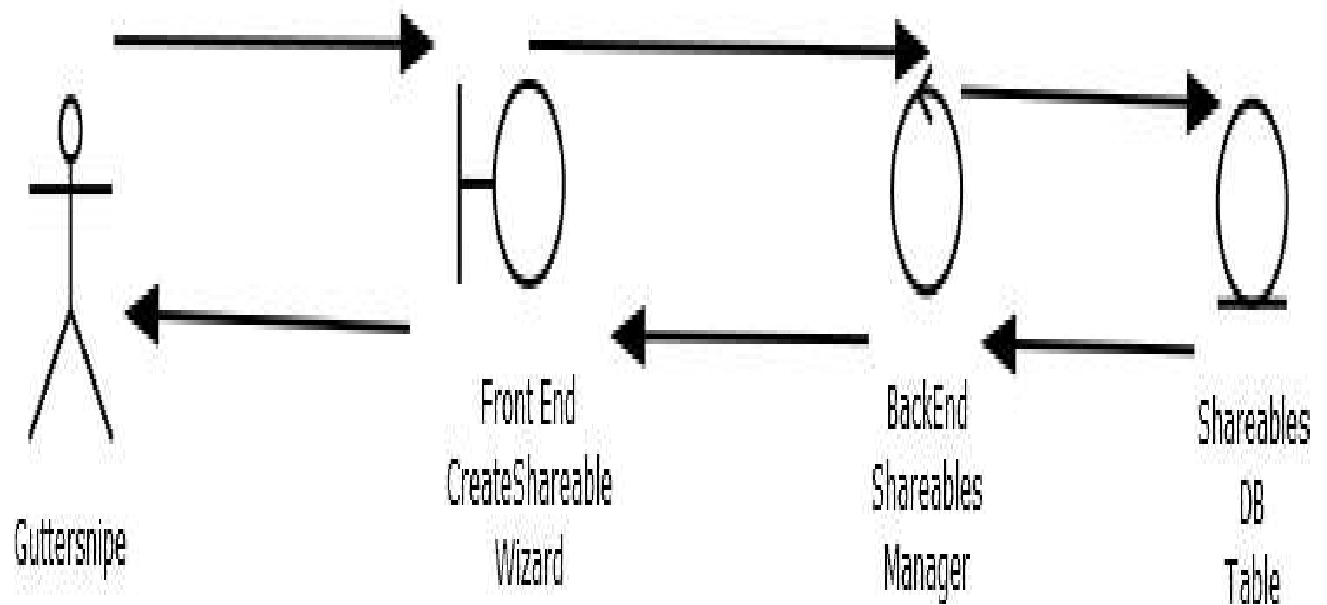
### 3. 2. 4. SHAREABLE: CREATE, UPDATE, DELETE



03.01.04.01

Delete Shareable

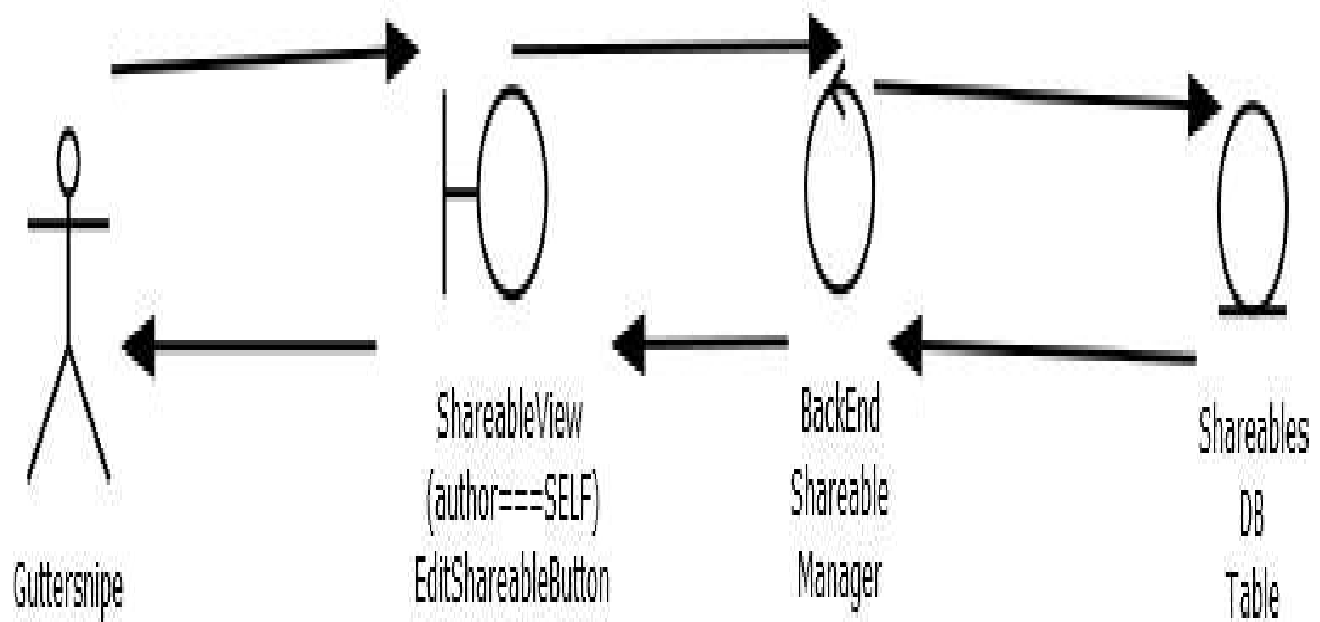
Collaboration Diagram



03.01.04.xx

Edit Shareable

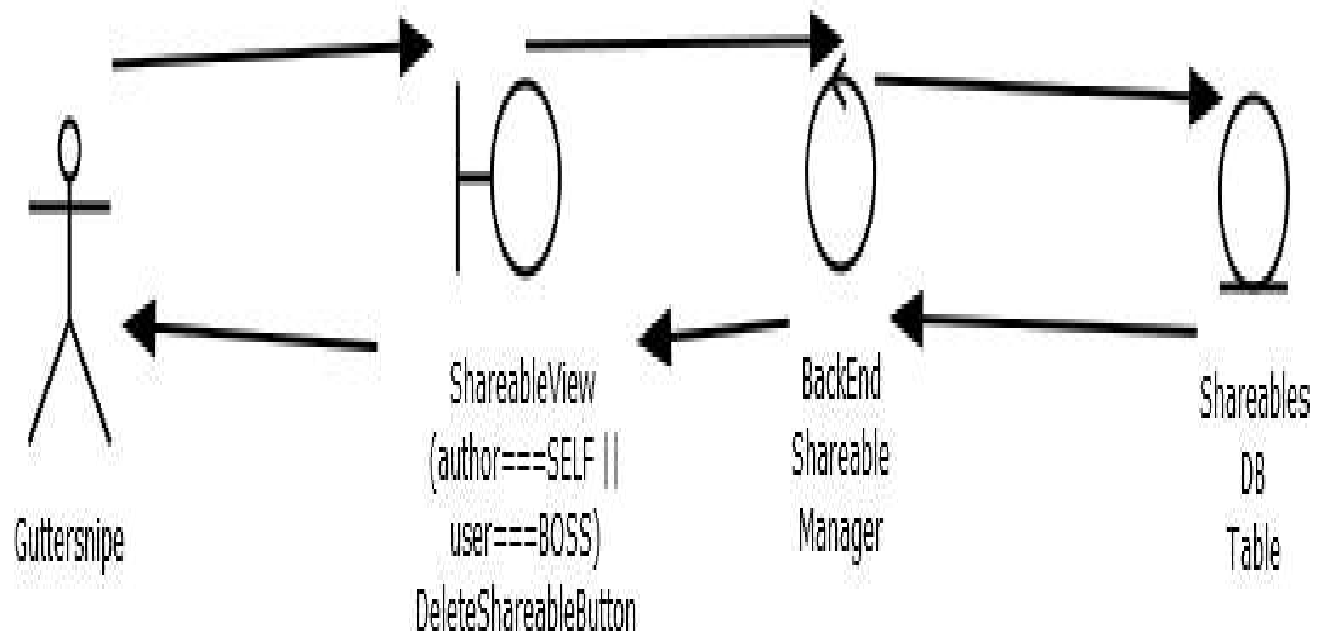
Collaboration Diagram



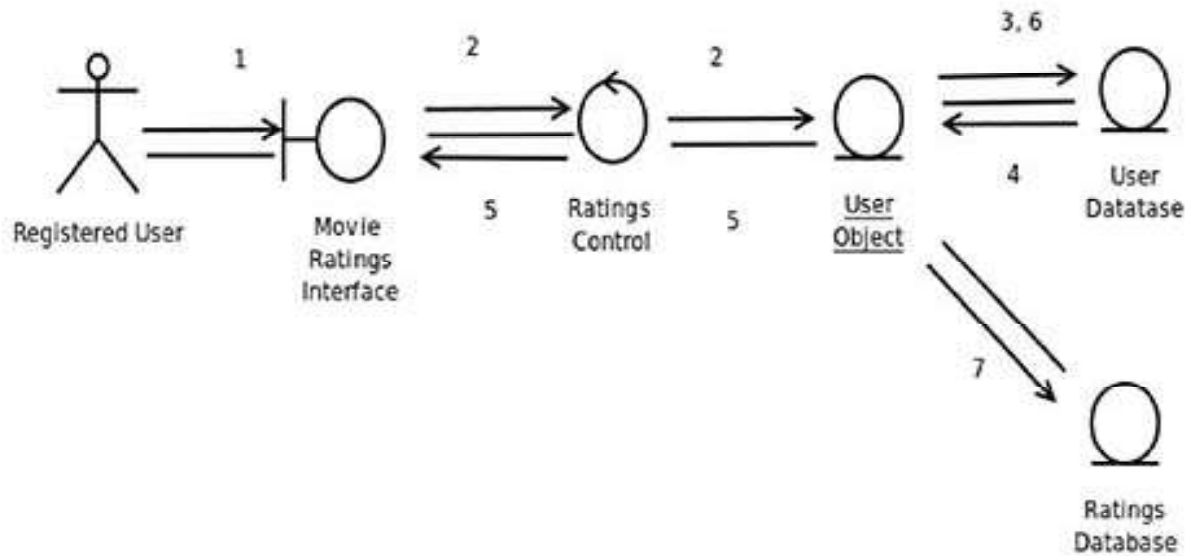
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Delete Shareable

Collaboration Diagram



3. 2. 5. SHAREABLE: ANNOTATE



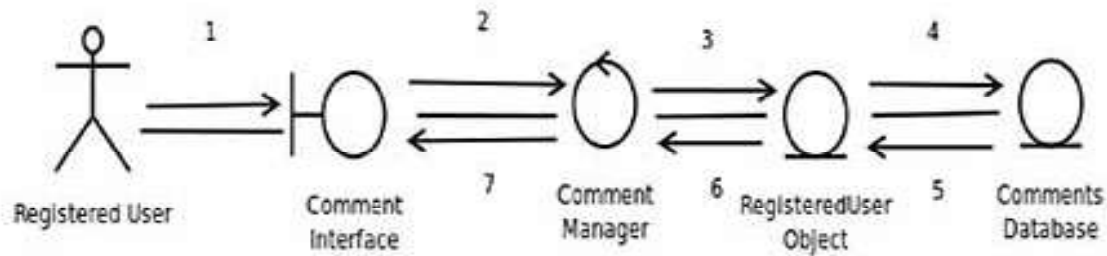
Figure

1. Registered User clicks on movie rating interface
2. Rating Interface submits UserID, MovieID, and Rating to Rating Control
3. Rating Control checks User DB to check User's ratings permissions
4. User DB returns RU's permissions
5. Ratings Control sends success or failure message back to Ratings GUI
6. Ratings Control updates Registered User Database to record Rating Behavior
7. Ratings Control updates Movie Database with new rating

Exceptions:

1. RU presses submit button without selecting a rating
2. RU does not have permissions to rate movie

**Figure C2: Rate**



1. RU visits the comment interface of a movie page
2. RU submits comment to be processed by the comment manager
3. The Comment Manager accesses RegisterUser object to processes the comment with a timestamp
4. The data is inserted to Comments Database
5. The comment information is sent back to the RegisteredUser object
6. The comment information is passed back to the comment manager
7. The Comment Manager updates the Comment interface with new comment(s)

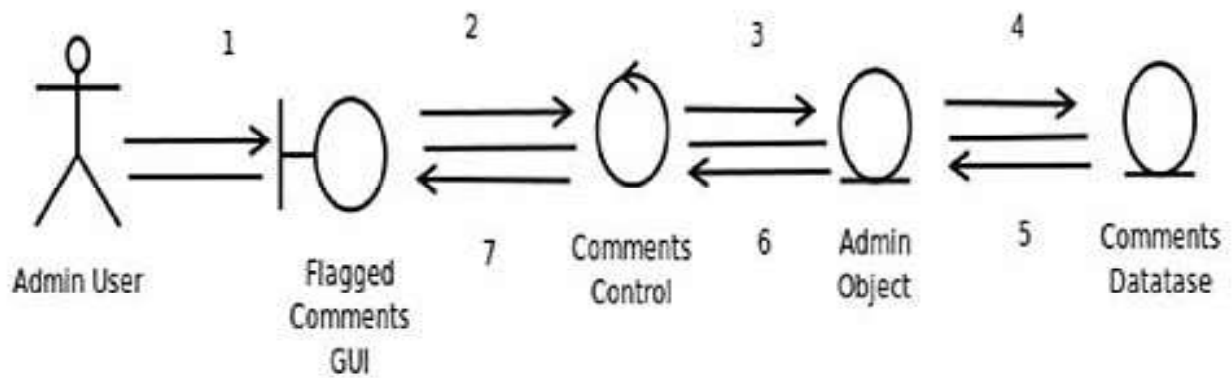
Exception 1:

2. Blank comment is submitted
7. The comment manger displays an error message to the GUI

Exception 2:

2. A comment that exceeds the character limit is submitted
7. The comment manager displays an error message to the GUI

**Figure C3: Comment**



1. Admin User selects comments for deletion from Flagged Comments Panel
2. GUI sends deletion request to Comments Control
3. Comments to be deleted are sent to Database
4. Comments are sent to comments database
5. Database returns remaining Flagged Comments from Database
6. The remaining flagged comments are sent to comments control
7. The remaining Flagged Comments are displayed on the GUI

## **D1: Erase Comment**

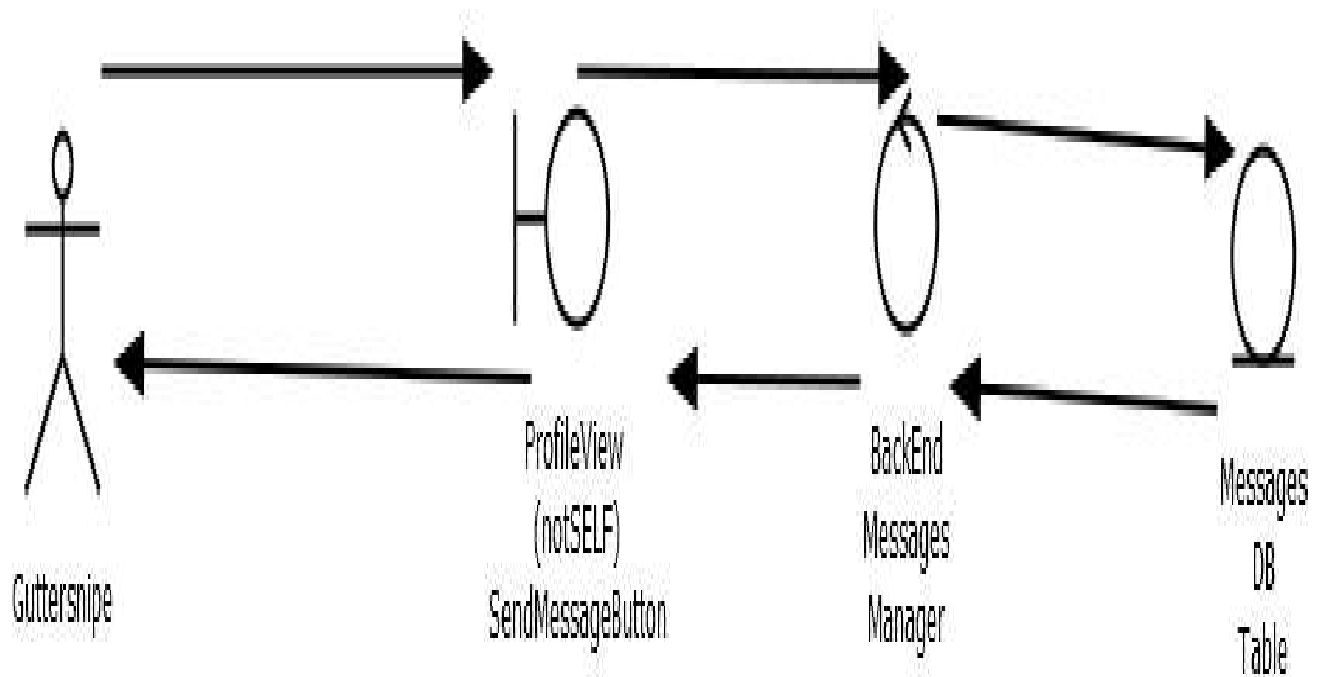
### 3. 2. 6. COMMUNICATIONS



03.01.06.xx

Send Message

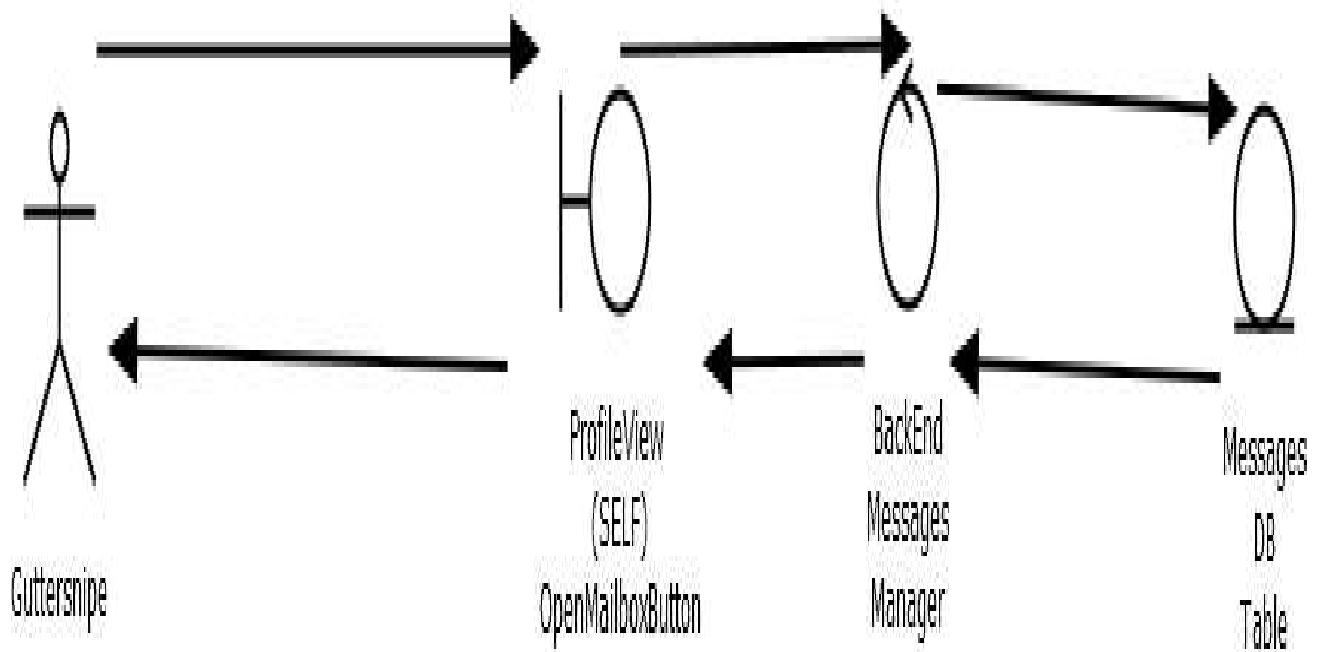
Collaboration Diagram



03.01.04.xx

OpenMailbox

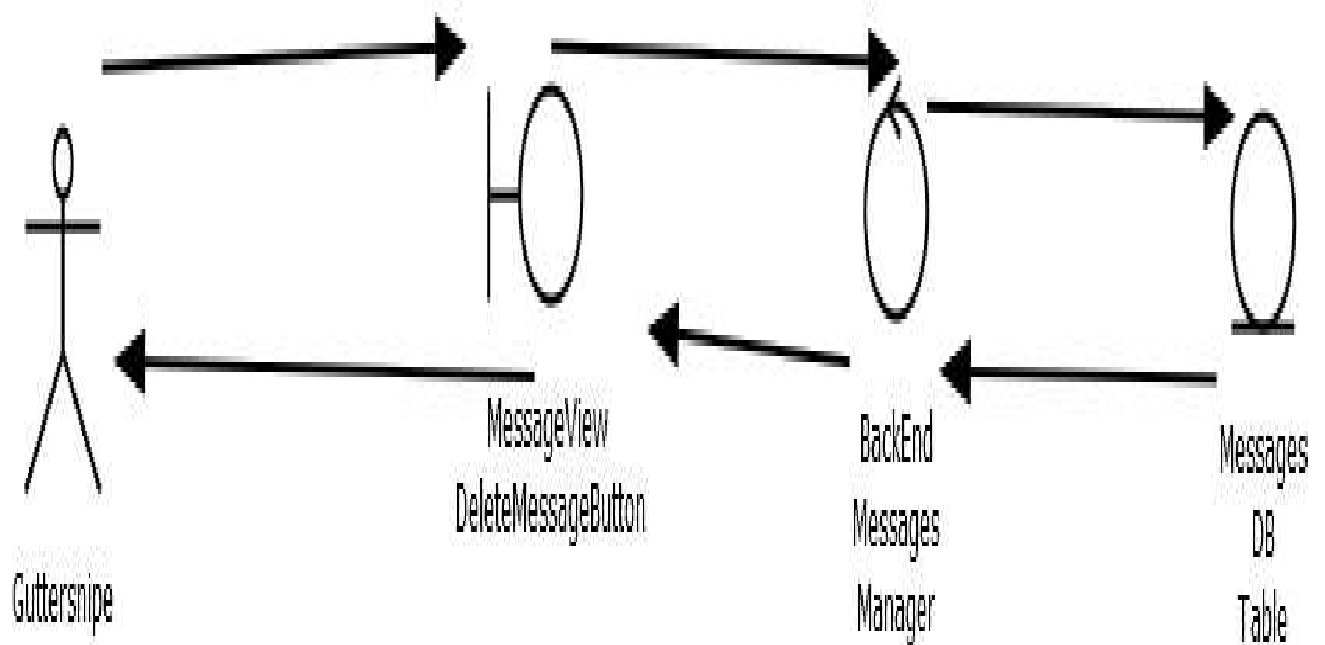
Collaboration Diagram



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## Delete Message

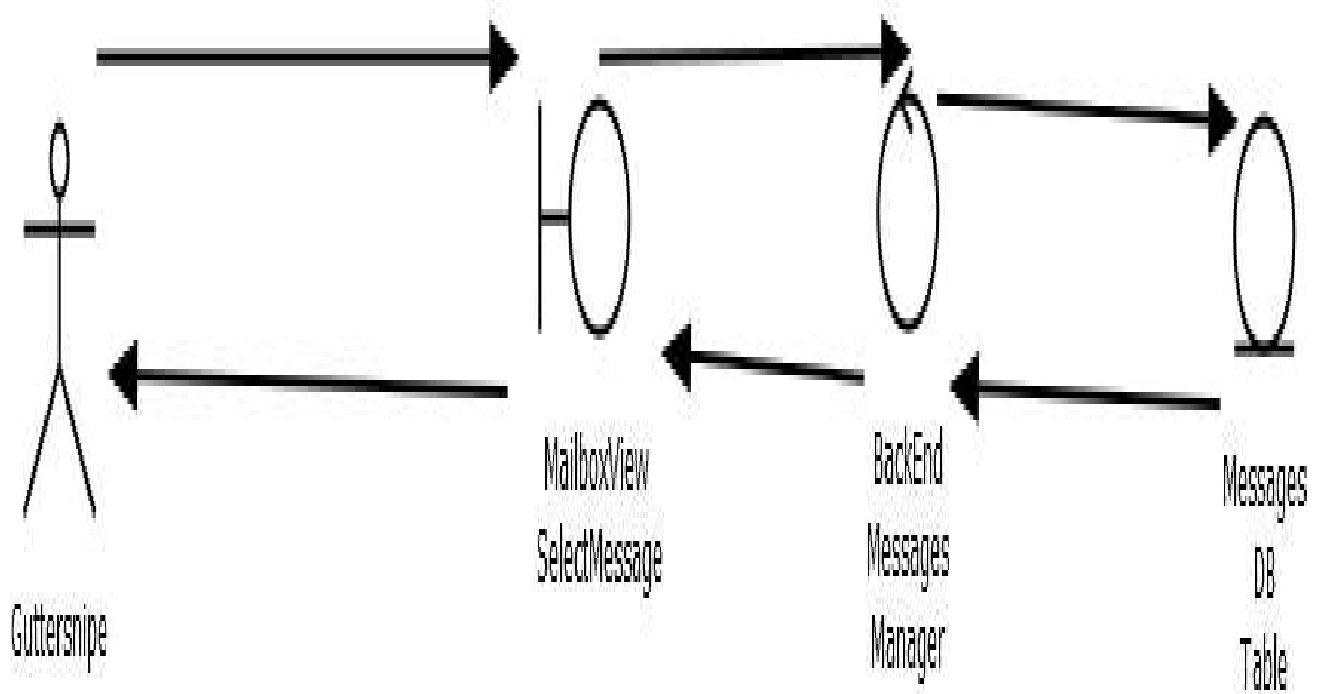
### Collaboration Diagram



03.01.04.XX

Read Message

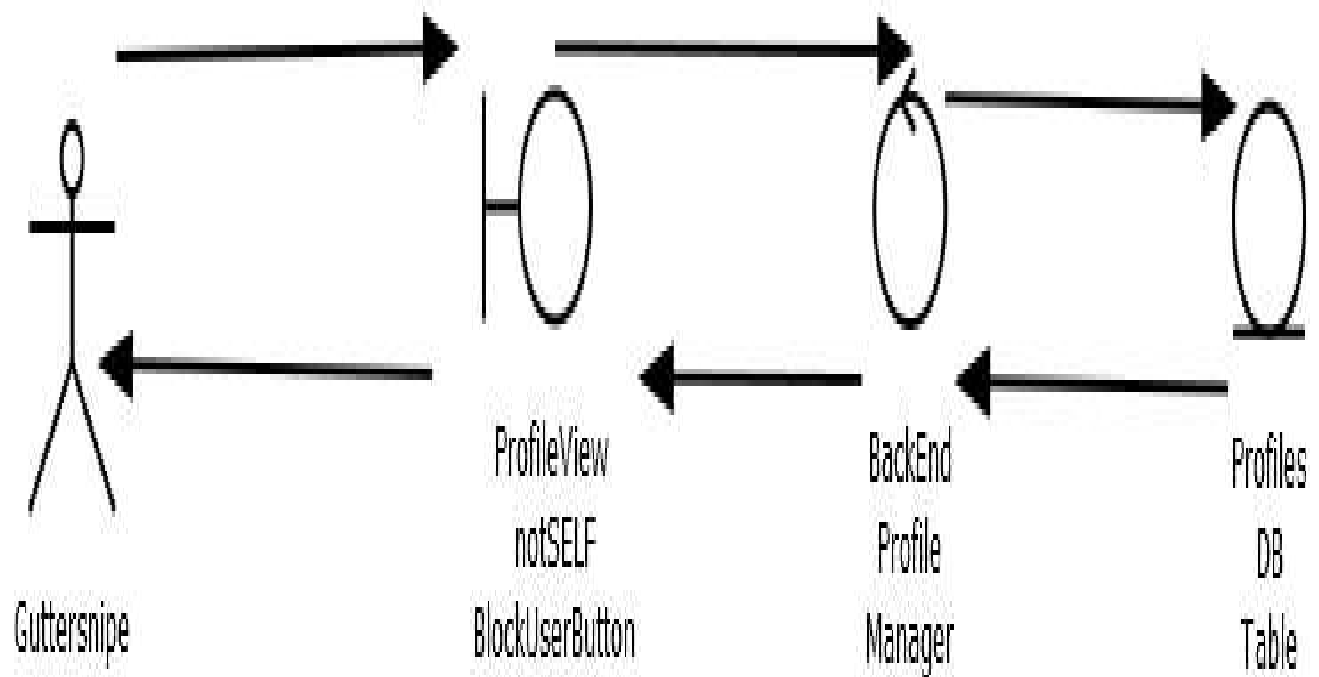
Collaboration Diagram



03.01.04.xx

Block User

Collaboration Diagram

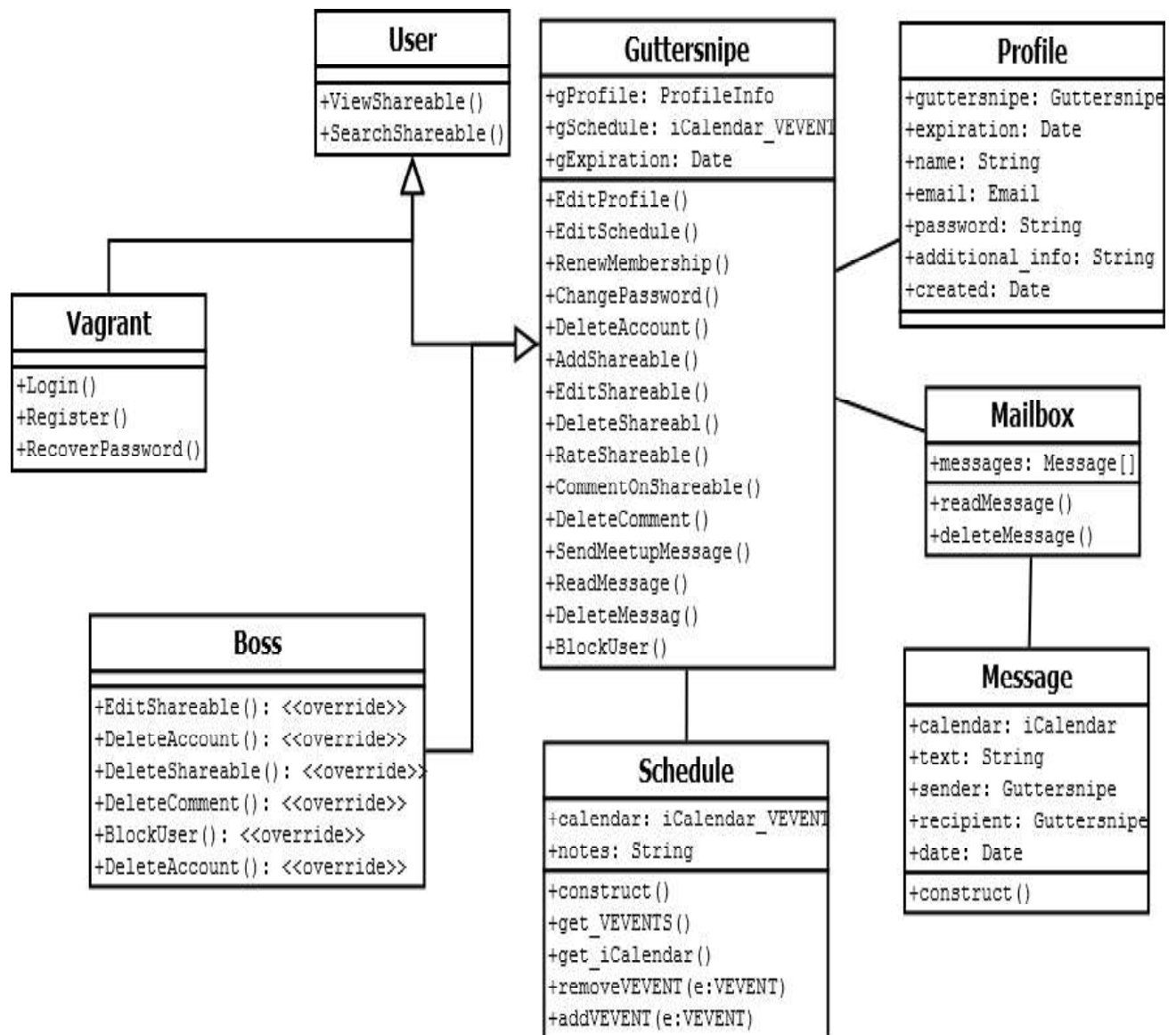


# Class D&D

## (diagrams & definitions)

# User Class

## (A) Diagram



### 03.02.01 User Class Definitions

User Class (abstract)

\* Methods:

- ++ViewShareable()
- ++SearchShareable()

Vagrant (extends the User Class)

\* Methods:

- ++Login()
- ++Register()
- ++RecoverPassword()

Guttersnipe (extends the User Class)

\* Attributes:

- ++gProfile: ProfileInfo
- ++gSchedule: iCalendar\_VEVENT
- ++gExpiration: Date

\* Methods:

- ++EditProfile()
- ++EditSchedule()
- ++RenewMembership()
- ++ChangePassword()
- ++DeleteAccount()
- ++AddShareable()
- ++EditShareable()
- ++DeleteShareabl()
- ++RateShareable()
- ++CommentOnShareable()
- ++DeleteCominent ()
- ++SendMeetupMessage()
- ++ReadMessage()
- ++DeleteMessage()
- ++BlockUser()



## Boss

### \* Methods:

```
++EditShareable() : «override»  
++DeleteAccount(): «override»  
++DeleteShareable () : «override»  
++DeleteComment () : «override»  
++BlockUser () : «override»  
++DeleteAccount () : «override»
```

### Attributes:

```
*** private $userID;  
*** private $username;  
*** private $accountType; *** private $userEmail;
```

### Functions:

```
*** public function login($userID, $userPassword)  
// This allows a guest user to log in to the system and become a registered user  
or admin user  
*** public function register()  
// This allows a guest user to become a registered user  
*** public function complainComment($commentID)  
// This allows a guest user to send a complaint about a comment identified by  
commentID
```

## RegisteredUser Class

ÿ(extends the User Class)

### Attributes:

```
*** private $userID;  
*** private $username; *** private $userEmail;
```

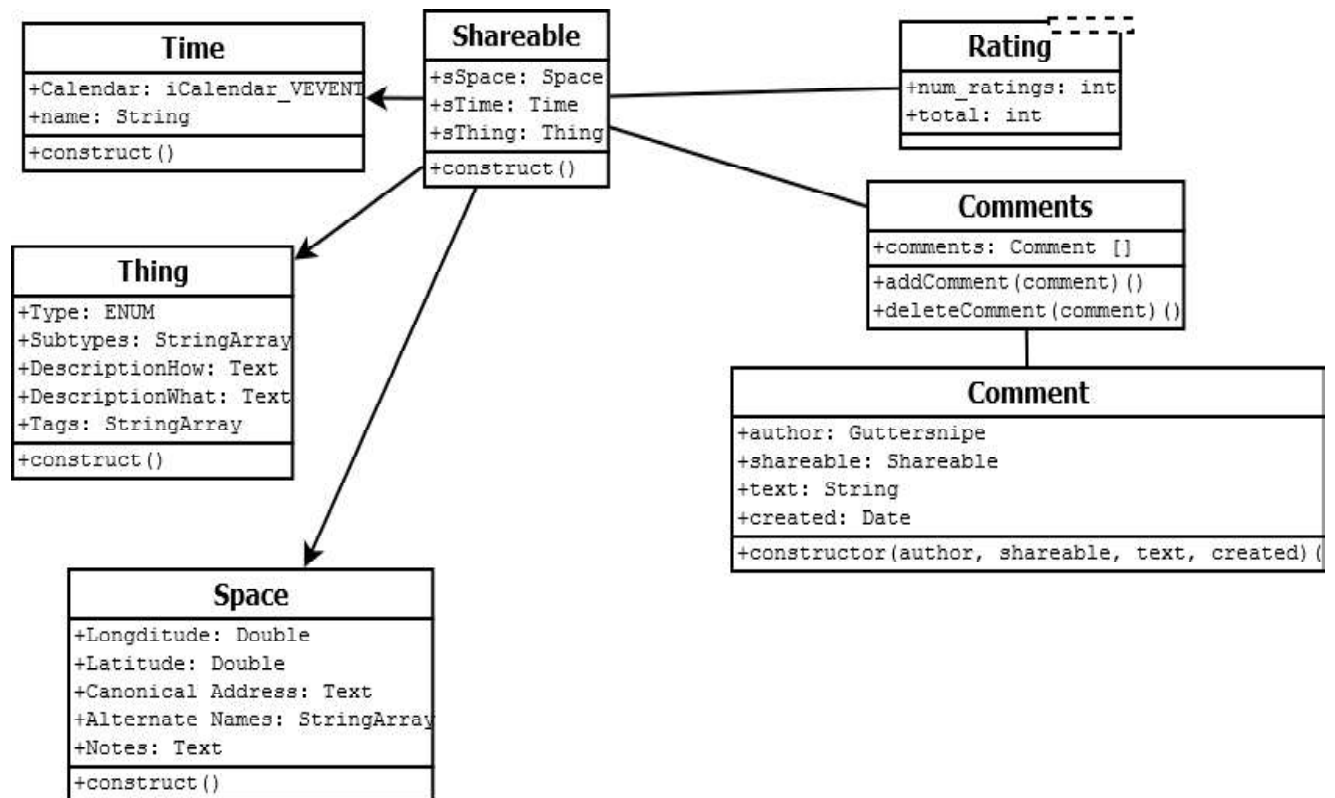
### Functions:

```
*** public function getID()  
// This returns the id of the registered user  
*** public function getUsername()  
// This returns the username of the registered user  
*** public function getEmail()  
// This returns the email address of the registered user  
*** public function complainComment($commentID)
```

```
// This allows a registered user to send a complaint about a comment identified
by commentID
*** public function login($userID, $userPassword)
// This allows a registered user to send a complaint about a comment identified
by commentID
*** public function rateMovie($userID, $movieID, $rating)
// This allows a registered user to give a rating to a movie.
*** public function submitComment($userID, $movieID, $commentText)
// This allows a registered user to post a comment to the movie page identified
by movieID
```

# Shareable Class

## (A) Diagram



## **a. Shareable**

### **a) \*Attributes:**

- (1) thing: Thing
- (2) space: Space
- (3) time: Time

### **b) Functions**

- (1) \_\_construct(thing, space, time) // Constructor for the Shareable class

## **b. Thing Class**

### **a) \*Attributes:**

- (1) type: ENUM
- (2) subtypes: String []
- (3) descriptionHow: String
- (4) descriptionWhat: String
- (5) tags: StringArray []

### **b) Functions**

- (1) \_\_construct()

## **c. Space Class**

### **a) \*Attributes:**

- (1) longitude: Double
- (2) latitude: Double
- (3) canonical Address: String
- (4) alternate Names: String[]

(5) notes: String

**b) Functions**

(1) \_\_construct()

**d. Time Class**

**a) \*Attributes:**

(1) calendar: sCalendar\_VEVENT

(2) notes: String

**b) Functions**

(1) \_\_construct()

**e. Rating Class**

**a) Attributes:**

(1) num\_rating: int

(2) total: int

**b) Functions**

(1) \_\_construct()

**f. Comments Class**

**a) Attributes:**

(1) comments: Comment []

**b) Functions**

(1) \_\_construct()

(2) addComment()

(3) deleteComment()

**g. Comment Class**

**a) Attributes:**

(1) ++author: Guttersnipe

(2) ++shareable: Shareable

(3) ++text: String

(4) ++created: Date

**b) Functions**

(1) `*** function __construct($commentID, $commentText, $userName, $timestamp) // Constructor for the Comment class`

**B.**

**Managers**

(SearchManager, BrowseManager, MovieViewManager, LoginManager, RegisterManager, MovieRatingsInterface, MovieProcessor, CommentManager, CartManager, CheckoutManager, PasswordControl, LogoutControl, CommentControl, FlaggedCommentsManager, WarningSystem, DeleteManager)

**i. GUI Classes**

(SearchGUI, BrowseGUI, ViewMovieGUI, LoginGUI, MainCustomerPage, MainAdminPage, RegisterGUI, RegistrationSuccessGUI, MoviesBought, MoviePlayerInterface, CommentGUI, ViewCartGUI, CartGUI, CheckoutGUI, ConfirmationGUI, ResetPasswordGUI, GuestPage, FlaggedCommentsGUI, ComplaintInterface, ComplaintsInterface, DeleteUserGUI)

**ii. Database Tables**

(MOVIES, R\_USERS, RATINGS, PURCHASES, COMMENTS, COMPLAINTS)

Figure : Complaints.php

Figure :

Figure : register.php

Figure : firstLogin.php

Figure: ViewMovieInfo.php

Figure : browse.php

\* Add functionality to current Classes

(  
U,  
GU, RU, AU, Movie, Cart  
)

\* Create new Object Classes

(  
Player,  
Comment,  
Session?

All Database Returns Need Object Wrapper

)  
\* Create new Logic Classes

(  
SearchManager, BrowseManager, MovieViewManager, LoginManager,  
RegisterManager, MovieRatingsInterface, MovieProcessor, CommentManager,  
CartManager, CheckoutManager, PasswordControl, LogoutControl, CommentControl,  
FlaggedCommentsManager, WarningSystem, DeleteManager  
)

Create new GUI Classes

(  
SearchGUI,  
BrowseGUI, ViewMovieGUI, LoginGUI, MainCustomerPage, MainAdminPage,  
RegisterGUI, RegistrationSuccessGUI, MoviesBought, MoviePlayerInterface,  
CommentGUI, ViewCartGUI,  
CartGUI, CheckoutGUI, ConfirmationGUI, ResetPasswordGUI, GuestPage,  
FlaggedCommentsGUI, ComplaintInterface, ComplaintsInterface, DeleteUserGUI  
)

Create Database Tables

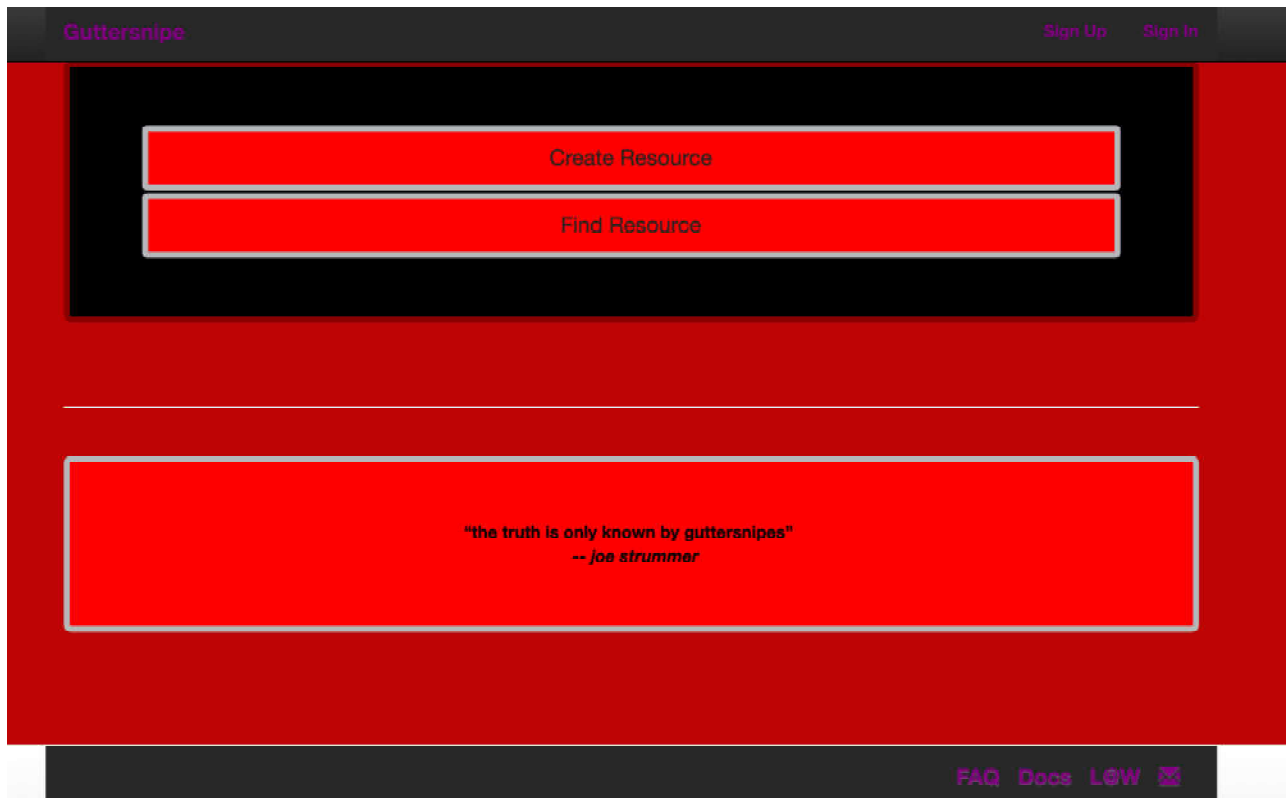
(  
MOVIES,  
R\_USERS, RATINGS, PURCHASES, COMMENTS, COMPLAINTS

## **GUI COMPONENTS**

### **1. Screenshots from 0.2 release and Future Wireframes**



# Front Matter: Explanation

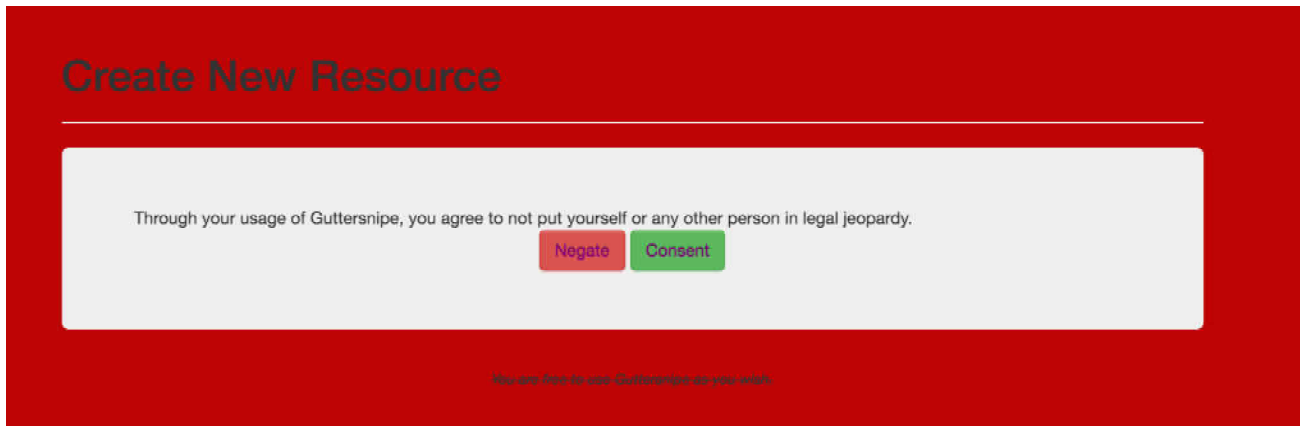


Front Page shows

- Top Menu Links
  - o Home (here)
  - o Sign Up
  - o Sign In
- Body Links
  - o Create Resource
  - o Find Resource
  - o “the truth is only known by guttersnipes” – joe strummer
- Bottom Menu Links

04.02.01

## CreateShareable: Start



Starts the CreateShareable Wizard

Buttons for consent and negation.

# 04.02.02

## CreateShareable: Instructions

### Create New Resource

Resource = Thing + Place + Time

Example: Free meal in Prospect Park every Wednesday from 4PM to 9PM

To report a Resource on Guttersnipe, please do the following:

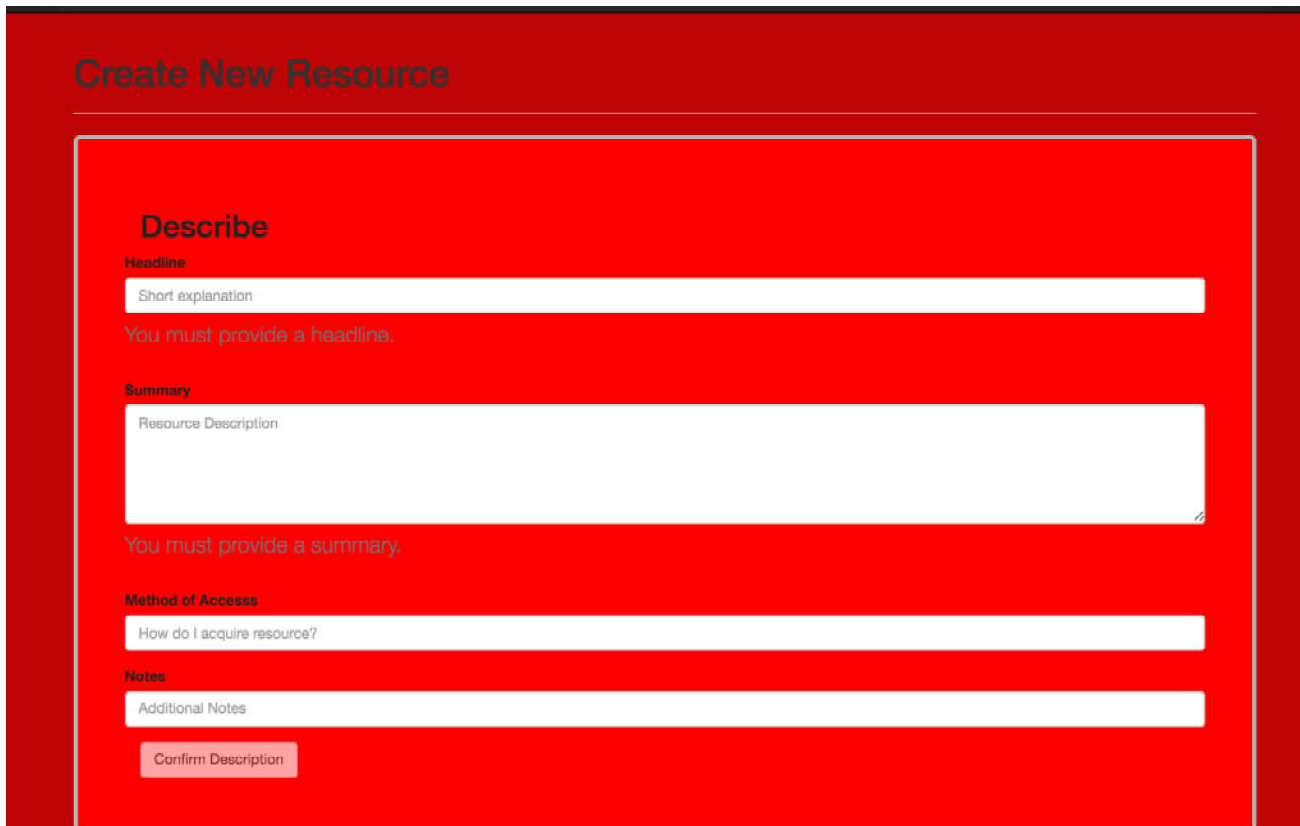
1. Describe Resource
2. Map Place
3. Schedule Time
4. Confirm Resource Report

Create Resource

## Instructions on how to create Shareable

04.02.03

## CreateShareable: Describe



The screenshot shows a web interface for creating a new resource. The main heading is "Create New Resource" in a bold, dark font. Below this, there is a section titled "Describe" in a bold, dark font. The form contains four input fields, each with a label and a placeholder text:

- Headline:** The label is "Headline" and the placeholder text is "Short explanation". Below the input field, there is a red error message: "You must provide a headline."
- Summary:** The label is "Summary" and the placeholder text is "Resource Description". Below the input field, there is a red error message: "You must provide a summary."
- Method of Access:** The label is "Method of Access" and the placeholder text is "How do I acquire resource?".
- Notes:** The label is "Notes" and the placeholder text is "Additional Notes".

At the bottom of the form, there is a red button labeled "Confirm Description".

Form for entering textual data about the Shareable

- Headline
- Summary
- Method of Access
- Additional Notes

04.01.04(a)

CreateShareable: Classify (1)

A screenshot of a web interface titled 'Classify' in red text. Below the title is a red prompt 'Choose a resource type:'. Underneath are three white rectangular buttons with black text: 'food', 'medical', and 'housing'. The entire interface is set against a black background and is framed by a thick red border.

**Classify**

Choose a resource type:

food      medical      housing

Allows Guttersnipe to categorize Shareable as System-defined type

- Food
- Medical
- Housing
- Transport

04.02.04(b)

## CreateShareable: Classify (2)

The screenshot shows a web interface titled "Classify" with a red header. It is divided into three main sections: "Type", "Subtypes", and "Details".

- Type:** A text input field containing the word "food" in red. Below it is a red "Edit" button.
- Subtypes:** This section is split into two columns.
  - Available Subtypes:** A list of three blue buttons: "Free Communal", "Food Donation", and "Dumpster".
  - Your Selections:** A single blue button labeled "Food Not Bombs".
- Details:** This section is also split into two columns.
  - Add a Detail:** A text input field with a red border containing the text "Island of Hawaii". Below the field is a red plus sign icon.
  - Your Details:** A single blue button labeled "vegan".

At the bottom of the interface is a white button labeled "Confirm Classification".

Allows Guttersnipe to add system-defined Type and Subtypes and Guttersnipes-defined tags to Shareable.

Map

Address of Resource :

Find Address

Notes

Confirm Map

04.02.06(b)

## CreateShareable: Schedule (2)

**Schedule**

month week day Sep 11 — 17 2016 today < >

	Sun 9/11	Mon 9/12	Tue 9/13	Wed 9/14	Thu 9/15	Fri 9/16	Sat 9/17
12pm							
1pm							
2pm							
3pm							
4pm							
5pm							
6pm							

Schedule:

None

Shows blank calendar. When Guttersnipe clicks on a date, it will be shown popup in next Figure.



04.02.06(c)

## CreateShareable: Schedule (3)

Popup window which allows user to select Start and

Choose Schedule

☒ Repeating Event

**Event occurs every Monday**

Start Time

▲	▲	
02	:	00 PM
▼	▼	

Duration

▲	▲	
03	:	30 PM
▼	▼	

Cancel OK

End times, along with RecurrenceType..

## 04.03. SearchShareable

### 04.03.01

## SearchShareable: Results List

### Resources

[List](#) [Map](#) [Compare](#)

Headline

La Bagel Delight

Thing

Type

- food

Subtypes

- dumpster

Place

104 Front St  
Brooklyn, NY  
11201

Time

- Every Monday  
From Monday, 12:00 AM  
To Monday, 2:59 AM
- Every Tuesday  
From Tuesday, 12:00 AM  
To Tuesday, 2:59 AM

Full Record

Created by Apr 16, 2015 1:21:24 PM by

Headline

Trader Joe's

Thing

Type

- food

Subtypes

- dumpster

Place

130 Court St  
Brooklyn, NY  
11201

Time

Full Record

Created by Apr 16, 2015 1:21:24 PM by

Headline

Paleoland

Thing

Type

- food

Subtypes

- dumpster

Place

175 Remsen St  
Brooklyn, NY  
11201

Time

- Every Monday  
From Monday, 12:45 AM  
To Monday, 2:59 AM

Full Record

Created by Apr 16, 2015 1:21:24 PM by

### Filter Resources by

[Thing](#) [Place](#) [Time](#)

Thing

04.03.03

## SearchShareable: Results Calendar

### Schedule

month week day

Sep 11 – 17 2016

today < >

	Sun 9/11	Mon 9/12	Tue 9/13	Wed 9/14	Thu 9/15	Fri 9/16	Sat 9/17
11am							
12pm							
1pm							
2pm		2:00 - 3:30 Event					
3pm							
4pm							
5pm							
6pm							

#### Schedule:

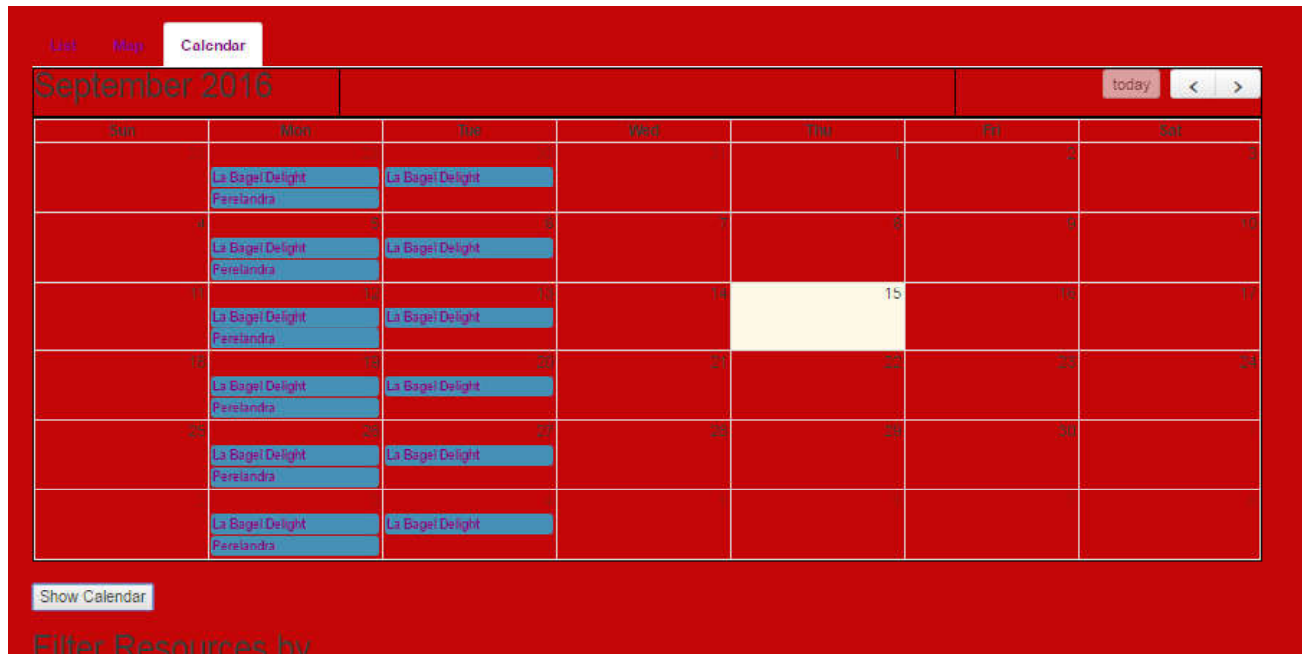
Date	Repeats	Start Time	End Time	Delete
	Every Monday	02:00 PM	03:30 PM	<a href="#">✕</a>

#### Notes

GET THERE EARLY!!!

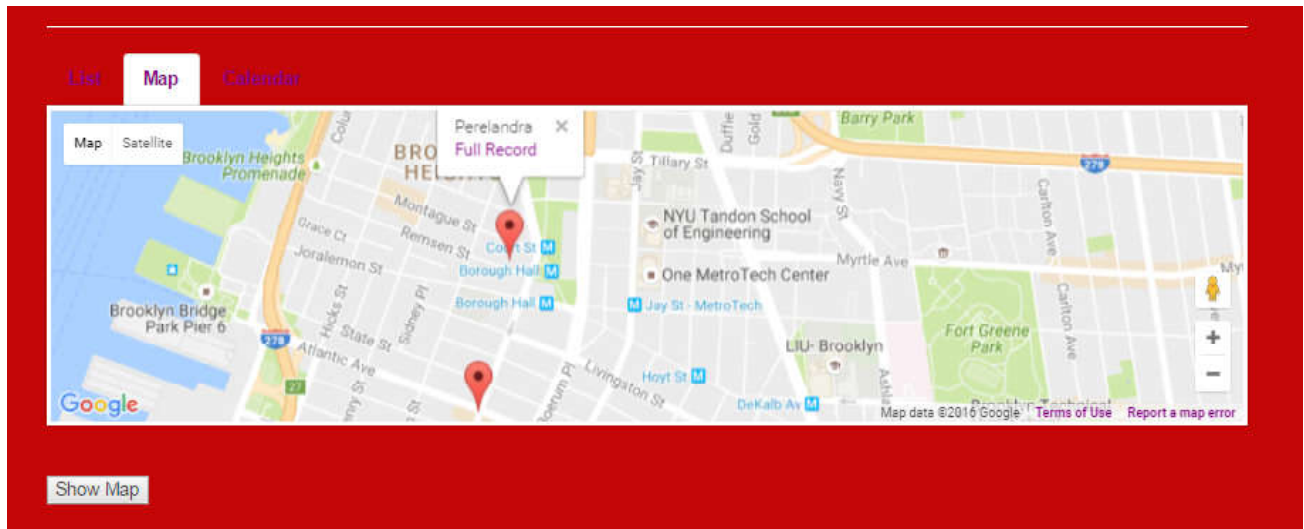
04.03.03

## SearchShareable: Results Calendar



04.03.02

## SearchShareable: Results Map



Shows Map of all matching resources.  
Each point has a tooltip that opens up a window with  
a Summary and a link to the Shareable.

Created by Apr 16, 2015 5:21:24 PM by .

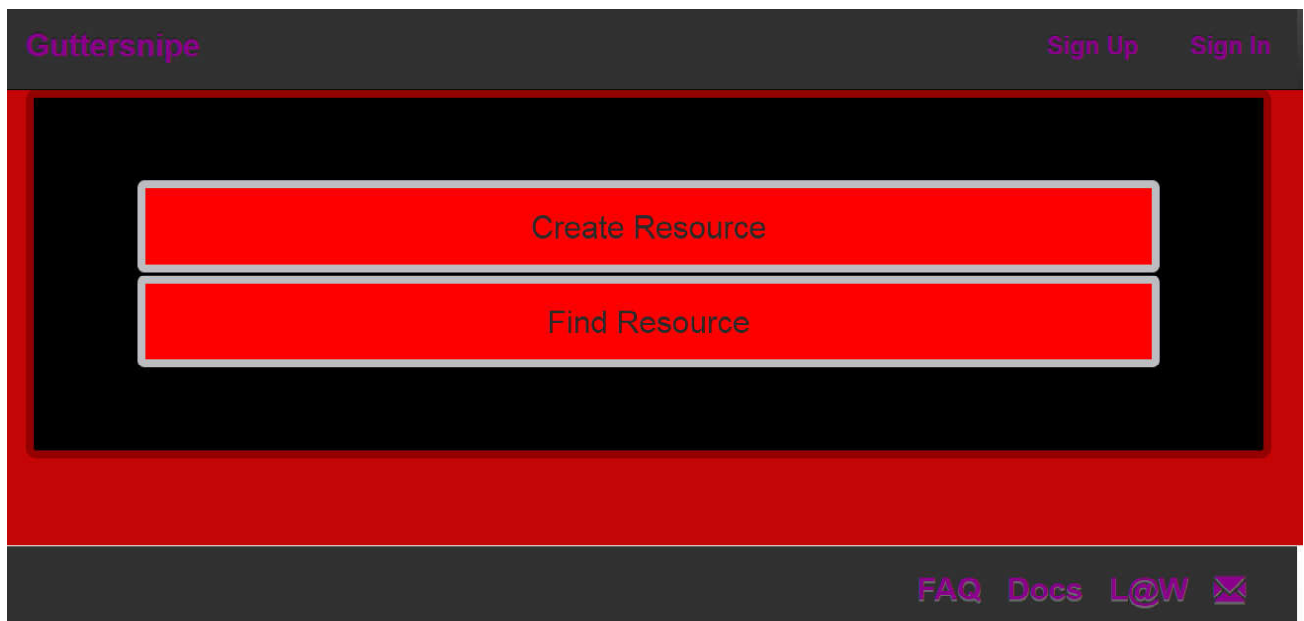
## Filter Resources by

Thing Place Title

Thing

04.04.01

## Full Screen Sign In



Form shows

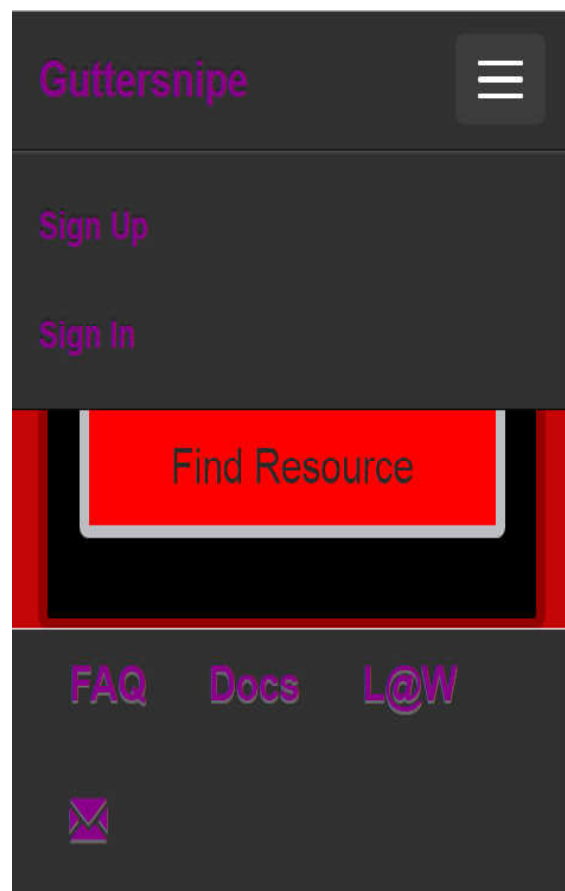
- Username
- Password

04.04.03

Burger Dropdown (2)

04.04.02

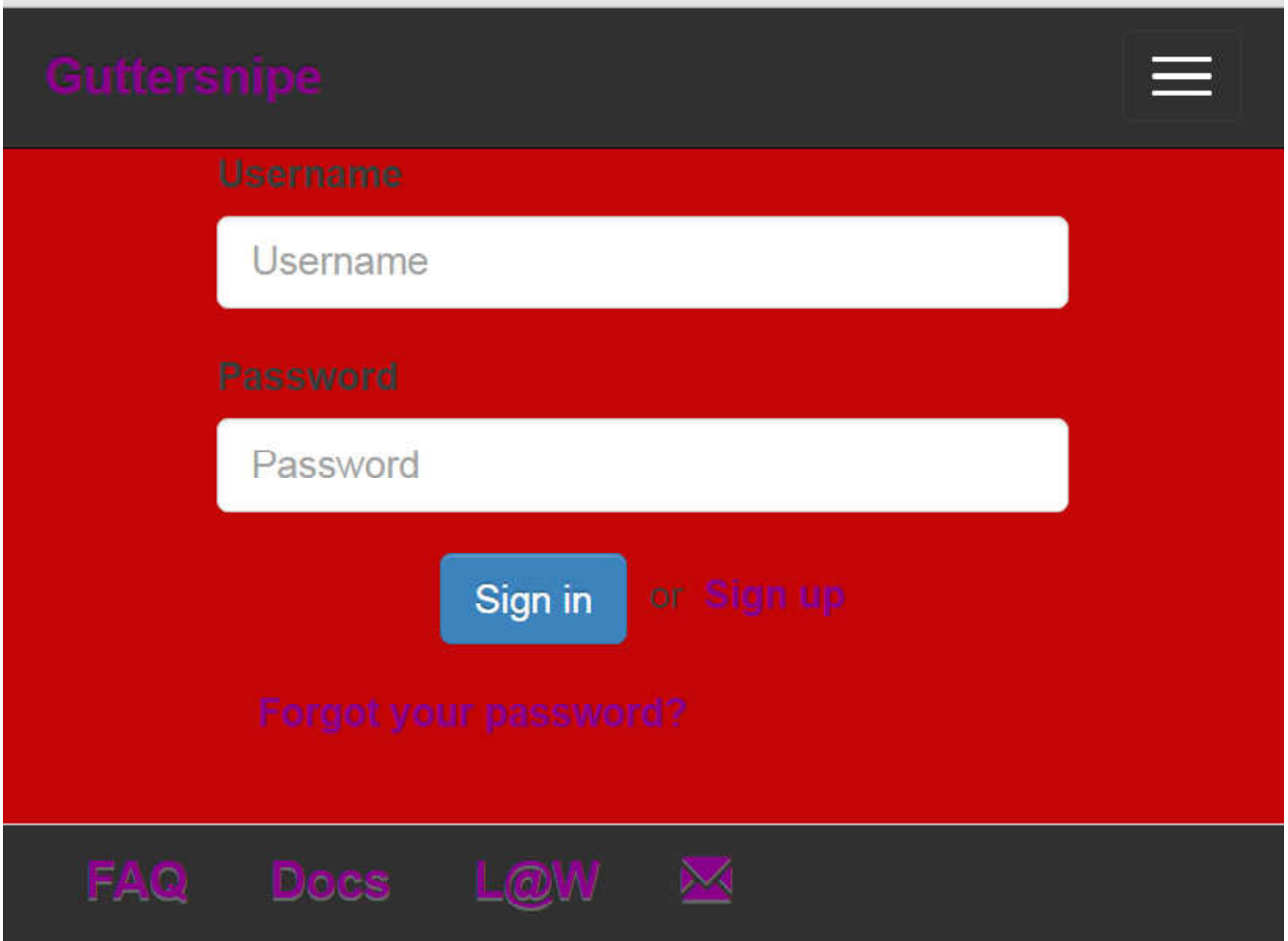
Burger Dropdown (2)





04.04.01

## Full Screen Sign In



The image shows a full-screen sign-in form for a website called "Guttersnipe". The form has a dark grey header with the site name in purple and a hamburger menu icon. The main area has a red background. It contains two white input fields for "Username" and "Password", a blue "Sign in" button, a link "or Sign up" in purple, and a link "Forgot your password?" in purple. The footer is dark grey with links for "FAQ", "Docs", "L@W", and an email icon, all in purple.

**Guttersnipe**

Username


Username

Password

Password

[Sign in](#) or [Sign up](#)

[Forgot your password?](#)

[FAQ](#) [Docs](#) [L@W](#) 

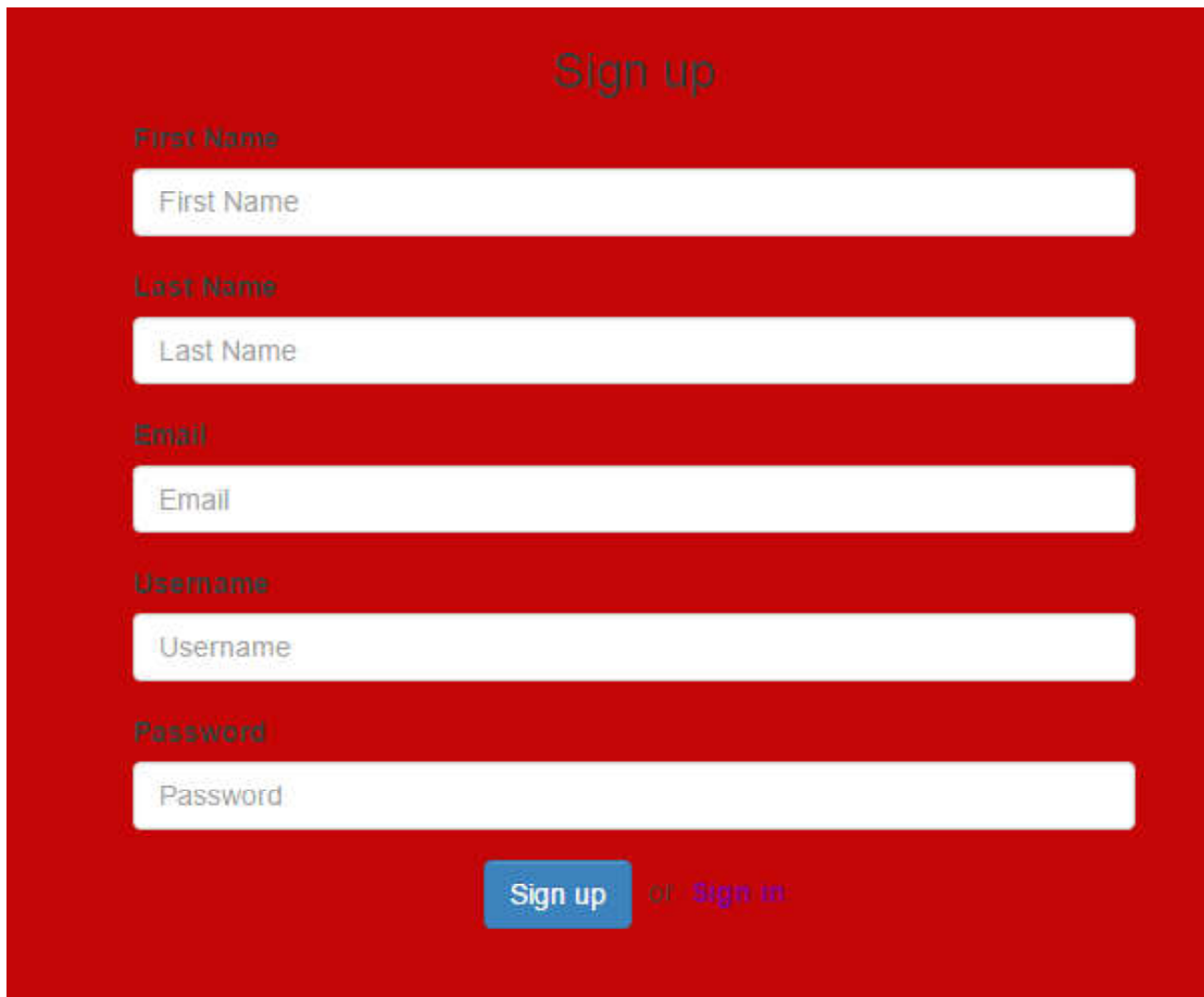
Form shows

- Username
- Password

## 04.04.04

# Guttersnipe User Pages

## Sign Up



The image shows a 'Sign up' form on a solid red background. The title 'Sign up' is centered at the top in a light gray font. Below it, there are five white input fields, each with a label above it: 'First Name', 'Last Name', 'Email', 'Username', and 'Password'. The labels are in a light gray font. At the bottom of the form, there is a blue button with the text 'Sign up' in white, followed by the text 'or Sign in' in a light gray font.

Sign up

First Name

Last Name

Email

Username

Password

Sign up or Sign in

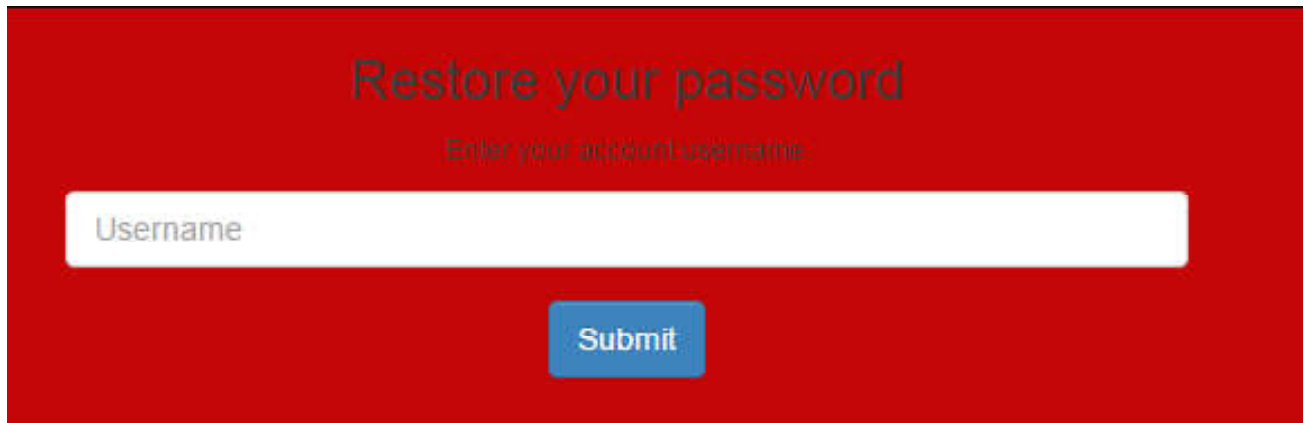
Signup Page asks user to fill in form:

Username:  
Expiration Date  
Email (optional)  
Password (optional)

04.04.06

Guttersnipe User Pages

Restore Password

A screenshot of a web form titled "Restore your password" on a red background. Below the title is a smaller instruction "Enter your account username". There is a white text input field with the placeholder text "Username". Below the input field is a blue button with the text "Submit" in white.

Provides a button for asking system to send user a password reset form.

## 04.05.01

### Mission Page

Mission page shows Kropotkin Quotes and Joe

Overhead Projector

Projector View

Stop

MISSION PAGE

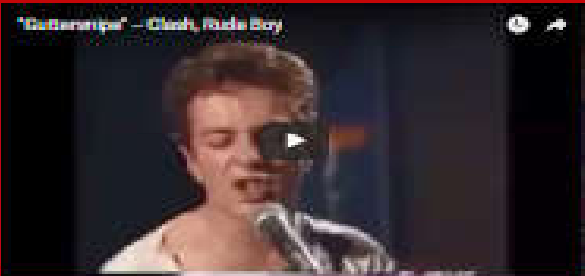
THE KIDS

By what means could a city in a state of revolution be supplied with food? We shall answer this question, but it is obvious that the means resorted to will depend on the character of the Revolution in the provinces, and in neighbouring countries. If the entire nation, or, better still, if all Europe should accomplish the Social Revolution simultaneously, and start with thorough-going Communism, our procedure would be simplified, but if only a few communities in Europe make the attempt, other means will have to be chosen. The circumstances will dictate the measures.

The Conquest of Bread by Pyotr Alexeevitch Kropotkin

More Quotes

"Gutternipes" - Clash, Rude Boy



Strummer performance.

**04.05.02**  
**FAQ Page**

## PROPOSAL - GUTTERSNIPE FAQ

**Product: Over the Edge**

- [illegible]

**What need does this meet? or problem does it solve?**

- (a) When applications are received, the Council must be immediately notified by budgeting groups to self-regulate activities and suspend the conduct of commerce.
- (b) When sufficient information is received that conduct of activities involves all members, timely suspension by the Council is required.

## Who is going to get use to this little app?

10. We will get a further review on the results of the anthropological, documentary and prehistoric for information regarding, we will expand the possibilities for anti-trust evidence arising

### Why will they go to this site/app?

- © 2000 Blackwell Science Ltd *Journal of Internal Medicine* 247: 105–112

## Why will they keep coming back to your site/app?

**How is it different from other similar sites?**

- [illegible]

**Wages**

- Many of our initial design specifications will be taken from the Design group and others from customers.
- In addition, we intend to leverage all the design platform, possibly from what we used as a mobile app. In my knowledge, there are not real any open platform with such a scale.

- [illegible]

# ~~04.05.03.01~~ ~~Presentation~~ ~~Start Page~~

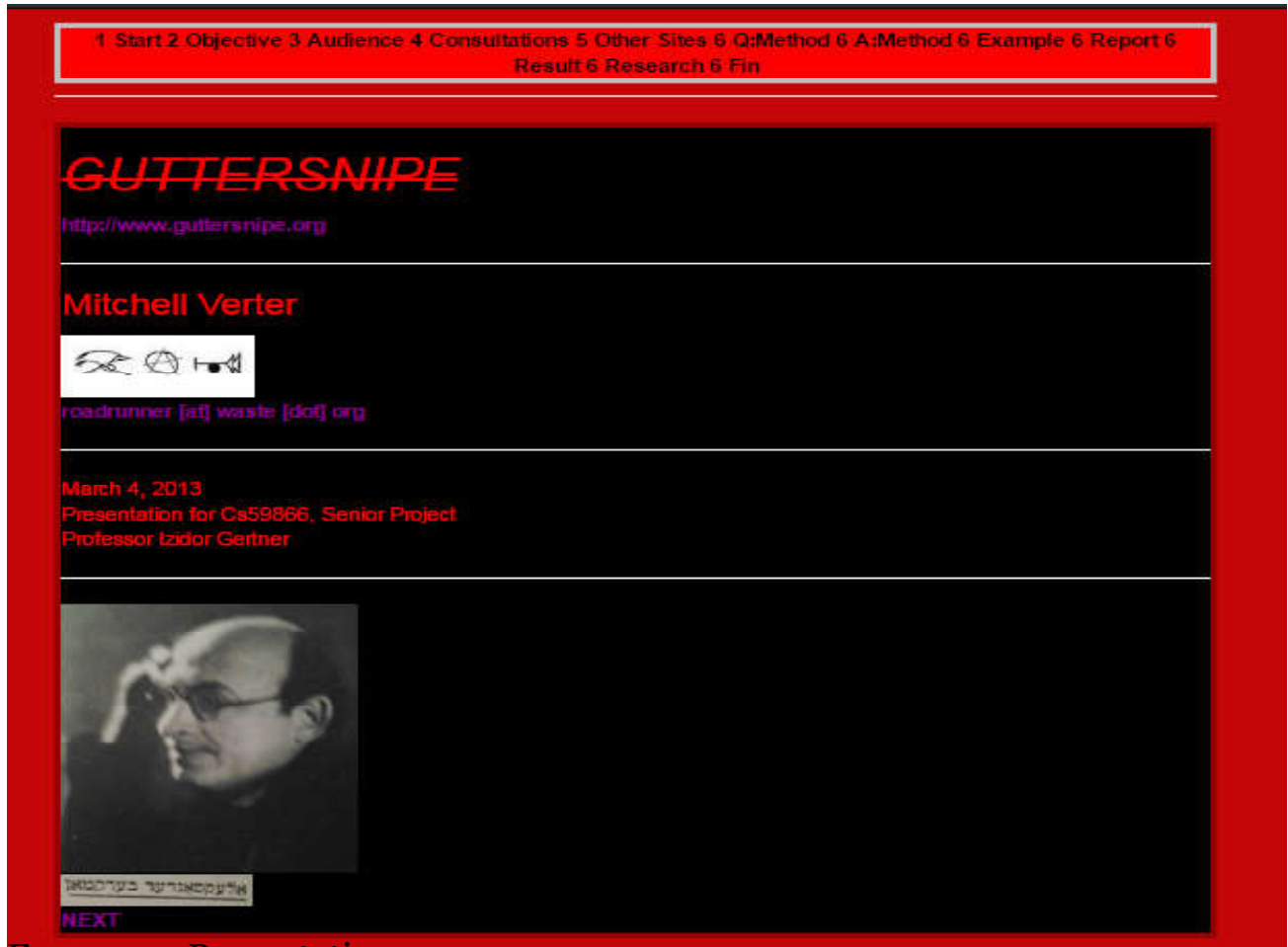


From 2013 Presentation:  
Section 6:  
START PAGE

# 04.05.03.02

## Presentation

### Front Page



From 2013 Presentation:

Section 6:

FRONT PAGE

=====

*GUTTERSNIPE*

# 04.05.03.03

## Presentation

### Objective



From 2013 Presentation:

Section 6:

OBJECTIVE

=====

Objective

- To overthrow capitalism by helping to establish mediums of exchange outside of the capitalist marketplace

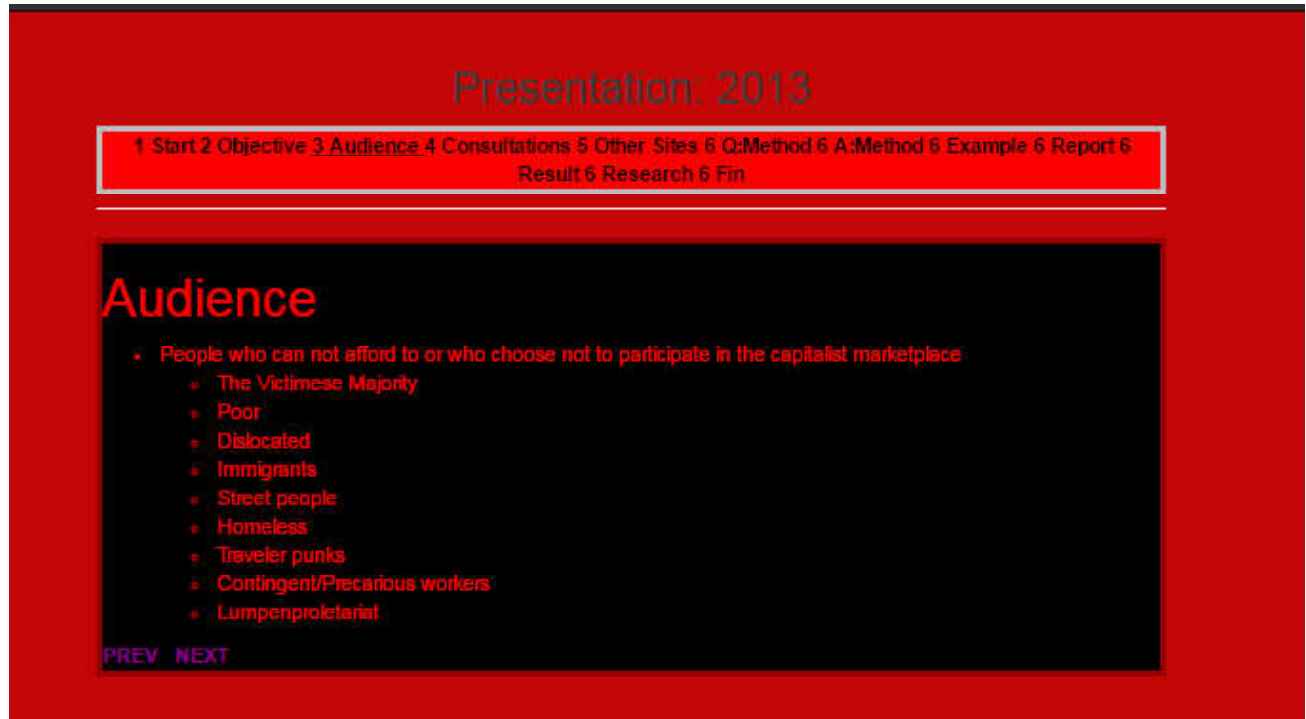
“Over a billion human beings live in absolute poverty suffering from chronic malnutrition and other ills while we”



# 04.05.03.04

## Presentation

### Audience



From 2013 Presentation:  
Section 6: "AUDIENCE

=====

# 04.05.03.13

## Presentation

### Consulting Organizations

Presentation: 2013

1 Start 2 Objective 3 Audience 4 Consultations 5 Other Sites 6 Q:Method 6 A:Method 6 Example 6 Report 6 Result 6 Research 6 Fin

## Consulting Organizations

- **Freegan NYC:**
  - Freegans are people who employ alternative strategies for living based on limited participation in the conventional economy and minimal consumption of resources
  - Dumpster Dive Directory
- **Picture the Homeless:**
  - A grassroots organization founded and led by homeless people
  - Extensive list of vacant properties

PREV NEXT

From 2013 Presentation:  
Section 6:  
CONSULTING ORGANIZATIONS  
=====

#### Consulting Organizations

##### Freegan NYC:

- o Freegans are people who employ alternative strategies for living based on limited participation in the conventional economy and minimal consumption of resources
- o Dumpster Dive Director»- Picture the Homeless
- o A grassroots organization founded and led by homeless people
- o Extensive list of vacant properties

# 04.05.03.06

## Presentation

### Other Sites



From 2013 Presentation:

Section 6:

OTHER SITES

=====

# 04.05.03.07

## Presentation

### Question of Method



From 2013 Presentation:  
Section 6:  
QUESTION OF METHOD  
=====

# 04.05.03.08

## Presentation

### Answer of Method

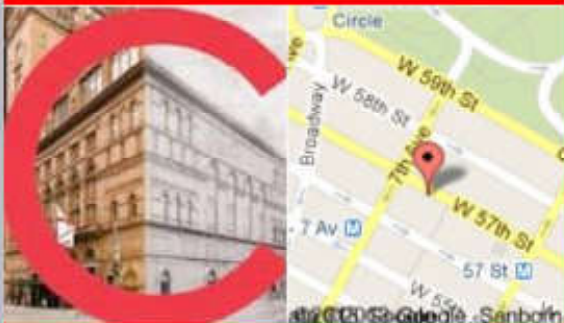
Presentation: 2013

1 Start 2 Objective 3 Audience 4 Consultations 5 Other Sites 6 Q:Method 5 A:Method 6 Example 6 Report 6 Result 6 Research 6 Fin

### Answer of Method

### Answer: Geolocation

- 881 7th Ave  
New York, NY 10019



PREV NEXT

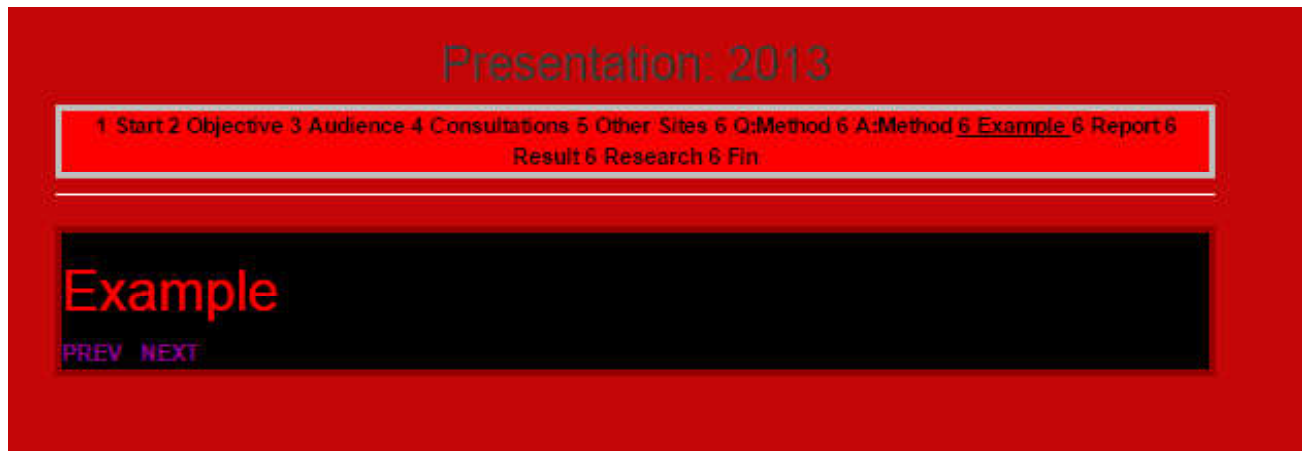
From 2013 Presentation:  
Section 6:  
ANSWER OF METHOD  
=====

Answer: Geolocation  
881 7th Ave  
New York, NY 10019

# 04.05.03.09

## Presentation

### Example (2002)



Example from the 2002 deployment of  
<a href="">W.A.S.T.E. Squat, Want Squat</a>

# 04.05.03.12

## Presentation

### Search Property GUI (2002)

Presentation 2013

1 Start2 Objective3 Audience4 Consultations5 Other Sites6 Q:Method7 A:Method8 Example9 Report10 Result11 Research12 Pin

### Submit a property report

Use the following form to send information about a vacant property.

For example, to report on 1318 Park Street in San Francisco, California, 94109, type in "1318" under Number, type in "Park" under Name, choose "Street" under Suffix, type in "94109" under Zip Code.

You must fill out all fields. If you are having difficulty determining the zip code, you should try looking at some [example maps](#).

Then describe what you have found under Report.

Street Address:

Number	Name	Suffix
		Alley

Zip Code:

Zip Code

Report:

Please describe what you have found out about this property.

Disclaimer:

One does not know who might be using this service, so the I would recommend that users avoid giving out personal information or detailing one's plans on how to use any given space.

Submit Report

Cancel

[W.A.S.T.E. - want want want main page](#)

[Find vacant properties](#)

[Look at maps](#)

[Read PropertyBot's thoughts on this project](#)

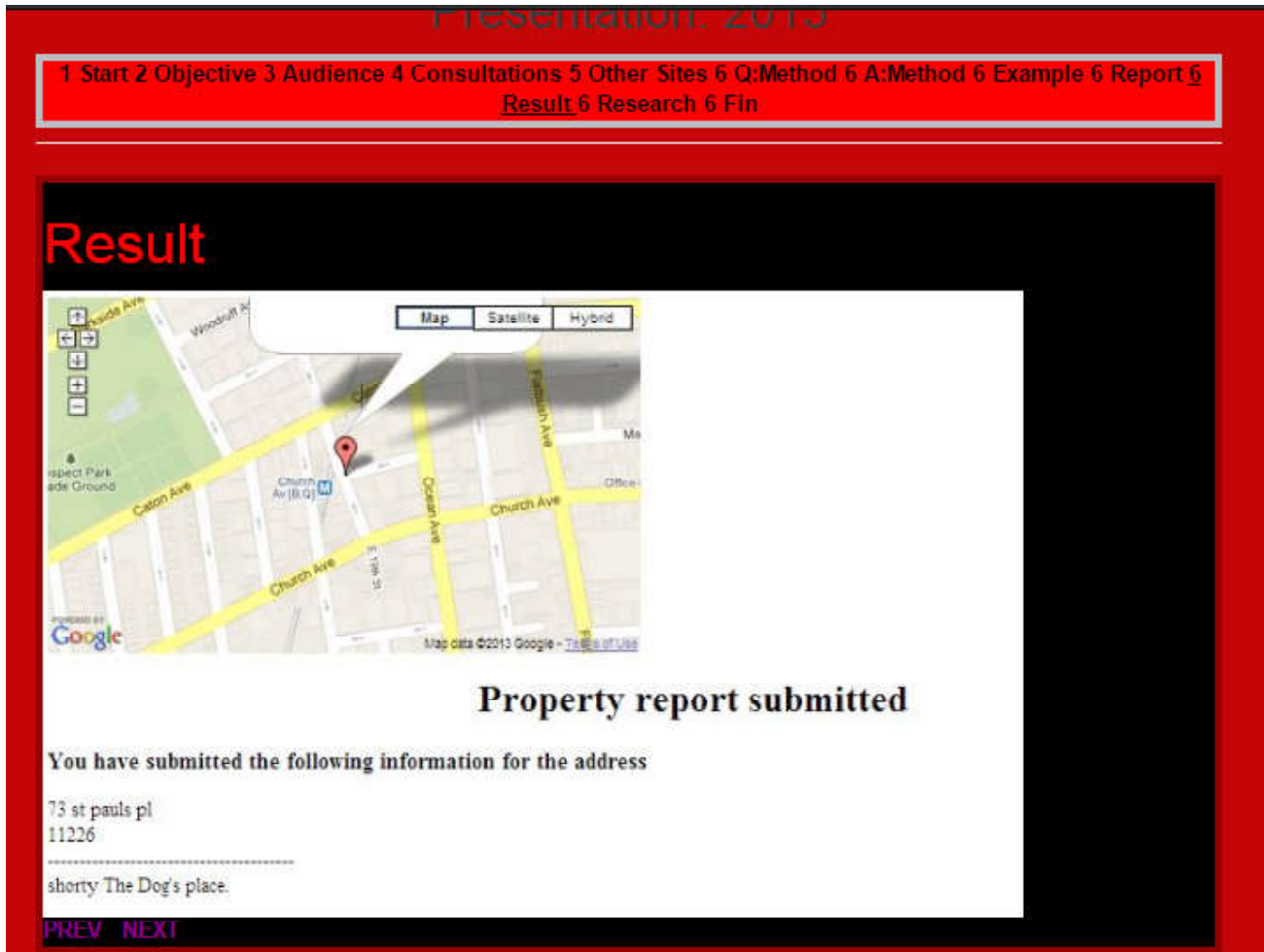
[Privacy](#) [About](#)

Shows the SearchProperty interface from the 2002 deployment.

# 04.05.03.11

## Presentation

### Property Search Results (2002)



Shows a Property Search Result from the 2002 deployment.



# 04.05.03.12

## Presentation

### Property Report (2002)

## Find vacant properties

Use the following form to research a vacant property and its neighborhood.

For example, to research 1315 Polk Street in San Francisco, California, 94109, type in "1315" under **Number**, type in "Polk" under **Name**, choose "Street" under **Suffix**, type in "94109" under **Zip Code**.

You must fill out all fields. If you are having difficulty determining the zip code, you should try looking at some [swell maps](#).

Then describe what you have found under **Report**.

### Street Address:

Number	Name	Suffix
<input type="text"/>	<input type="text"/>	<input type="text" value="Alley"/>

### Zip Code:

Zip Code
<input type="text"/>

Are you having problems determining the address? Maybe you should try looking at some [Swell Maps](#).

[W.A.S.T.E. squat, want squat main page](#)  
[Report a vacant property](#)  
[Look at maps](#)  
[Read Kropotkin's thoughts on this project](#)  
[PREV](#) [NEXT](#)

Shows a Property Report from the 2002 deployment.

# 04.05.03.13

## Presentation

### FIN


Presentation: 2013

1 Start 2 Objective 3 Audience 4 Consultations 5 Other Sites 6 Q:Method 6 A:Method 6 Example 6 Report 6 Result 6 Research 6 Fin

---

*For Joe Strummer*


"The truth is only known by guttersnipes"



<http://www.guttersnipe.org>

---

*Mitchell Verter*



[roadrunner \[at\] waste \[dot\] org](mailto:roadrunner@waste.org)

PREV

From 2013 Presentation:  
Section 13:  
FIN

## ADMINISTRATIVE INFO PAGES

04.05.01

L@W Page

S

Through your usage of Guttersnipe, you agree to not put yourself or any other person in legal jeopardy.

---

You are free to use Guttersnipe as you wish.

---

All Wrongs Righted  
All Rites Reversed

# 04.05.04.02

## Credits Page



Shows creator and inspirations for the project.

## 04.05.04.03

### Contact

roadrunner [at] waste [dot] org



**Displays email address and a clickable picture to send mail.**

## 04.06.01

### Kropotkin Quote

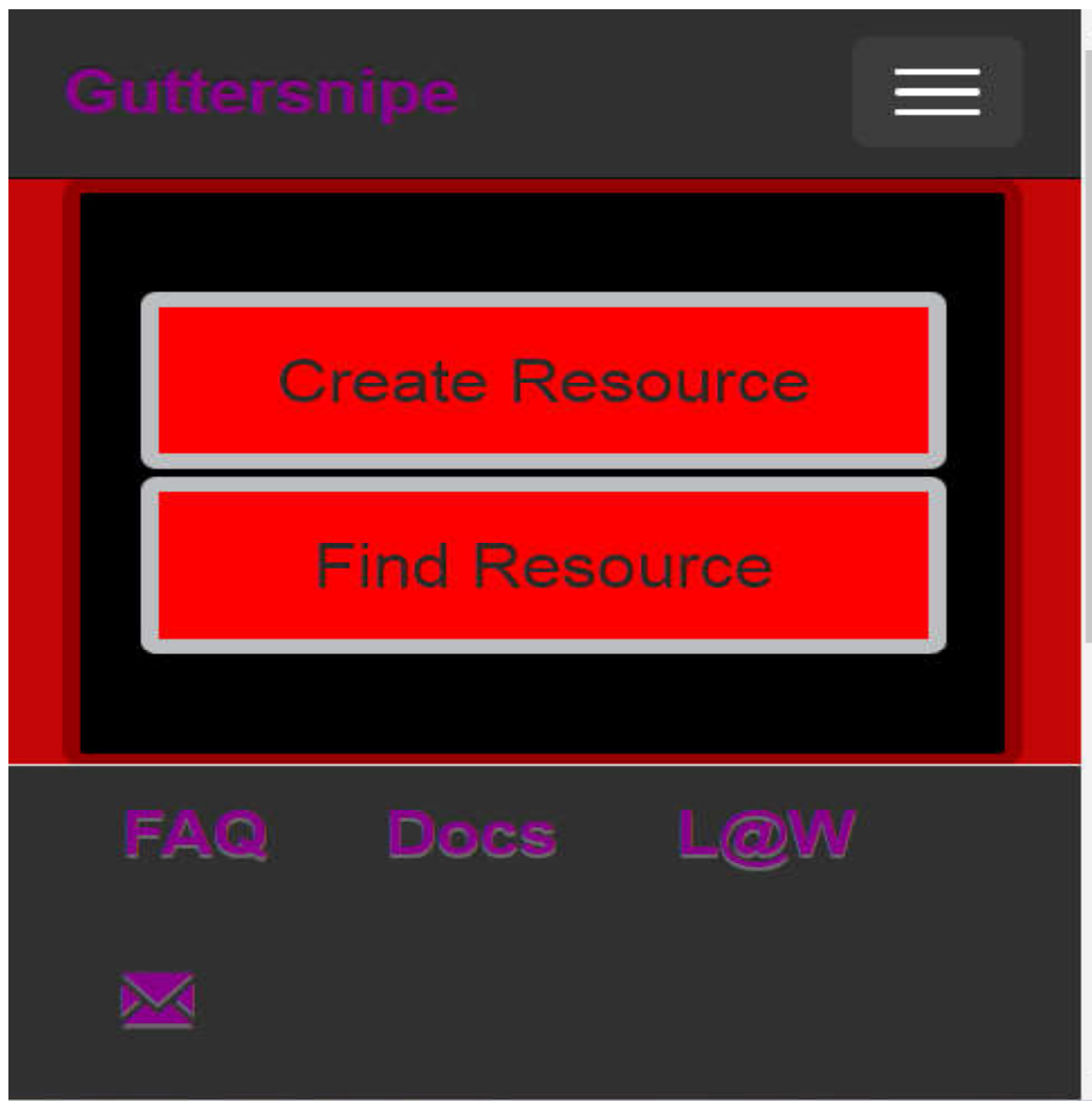
By what means could a city in a state of revolution be supplied with food? We shall answer this question, but it is obvious that the means resorted to will depend on the character of the Revolution in the provinces, and in neighbouring countries. If the entire nation, or, better still, if all Europe should accomplish the Social Revolution simultaneously, and start with thorough-going Communism, our procedure would be simplified; but if only a few communities in Europe make the attempt, other means will have to be chosen. The circumstances will dictate the measures.

The Conquest of Bread by Pyotr Alexeyevich Kropotkin

More Quotes

04.04.07

## BurgerDropdown (1)





04.07.02

## BurgerDropdown (2)

