Chore Weasel Design Document

Diagrams

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Chore Weasel Overview

- Web application to find other people to help with tasks
  - Either because the user is unable to perform tasks or simply do not want to do it
- The goal is for any user to have some sort of income
  - Perfect for students
Package and Class Diagram

Chore Weasel

Model

Ratings
- Value
- Description

User
- name
- email
- password
- AvgRatings

Jobs
- Title
- Price
- Zipcode
- Description

View

Static Pages
- homepage
- about
- help
User profile
Jobs Postings

Controller

UserController
- setName
- setEmail
- setAvgRating
- getName
- getEmail

JobController
- setPrice
- setTitle
- setZipcode
- getPrice
- getStatus
- setStatus

RatingsController
- setRating
- setDesc
- getAvgRating
- getDescription
Model View Controller

Model objects
- User
- Jobs
- Operator
- Messages

View objects
- User Profile
- Job Postings
- Static Pages

Controller objects
- User Controller
- Jobs Controller
- Ratings Controller
Users

User

- name: string
- email: string
- password: string
- userDesc: string
- avgRating: int

setName(name: string):
setEmail(email: string):
setPassword(password: string):
setUserDesc(userDesc: string):
setAvgRating(avgRating: int):
getName(): string
getEmail(): string
getUserDesc(): string
getAvgRating(): int
Jobs

Price: Integer
Title: String
Zipcode: Integer
Description: String
Status: Bool

setPrice(Price: int)
setTitle(Title: string)
setZipcode(Zipcode: int)
setDescription(Description: string)
setStatus(Status: bool)
getPrice(): int
getTitle(): string
getZipcode(): int
getDescription(): string
getStatus(): bool
Ratings

<table>
<thead>
<tr>
<th>Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating: Integer</td>
</tr>
<tr>
<td>Description: String</td>
</tr>
</tbody>
</table>

- setRating(Rating: int)
- setDescription(Description: string)
- getRating(): int
- getDescription(): int
Sequence Diagram

This diagram represents how the ChoreWeasel system would deal with a user searching for and selecting a job.
Entity Relationship Diagram
Relational Schema Diagram