RentALL  
A marketplace to rent others’ tools and skills.

SE452-Group2

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SE452 Fall 2016

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This application models that of a site such as Angie's List. It enables customers to sign up and search for contractors or businesses for home improvement needs. A full history is kept for each customer.

#### Created using:

##### -Maven

##### -MongoDB

##### -Hibernate(Persistence)

##### -SpringMVC

##### -Bootstrap

# The Group

Ben Conrad: Overview of functionality – Use Case/requirements

Rentall Demo: <https://www.youtube.com/watch?v=KaANUp3n-zw>

Search Functionality Overview: <https://www.youtube.com/watch?v=LJQwmcO5DrA>

Steve Nickerson: Overview of the framework selected

<https://www.youtube.com/watch?v=LysdXOFvN6s>

Xin Guo:

-Give github link and open about.

-Talk about the purpose of the website and how customers are supposed to interact with it.

-Talk about how we needed contractor and customer login/registration.

-Show ben’s application demo.

-Introduce Mongo and Hibernate(JPA).

-Show Steves’ video.

-Show Bens’ search video.

My liveChat with iphone app

Lessons learned (what worked/what did not)

# Overview

We are aiming to develop a simple web app called “rentALL,” a type of marketplace where people can rent tools or skills owned or offered by others.

The main structure of the rentALL so far:

* Main screen has tabs for:
  + “Need help?” (search)
    - filters
      * Tools
      * Skills
      * Availability
      * Age
      * Gender
      * Area/Proximity (within <x> miles of <zip code>)
    - Search results show those profiles which match your filters
      * Save profile for later button (adds to your account favorites)
      * “R” button to request services
  + Want to help? (register)
    - Add tools you have to borrow out
    - Add skills you posses
    - Add price per hour/ per day for skill/tool
    - Add availability ( Mon – Sunday, what hours are you avail)
    - Personal information (birthday, location, etc..)
  + My Profile
    - Edit available tools / skills / going rates
    - Notifications
      * upcoming promises to help
      * upcoming due dates for others to return your tools
    - Reserations
    - See history of past help and reviews (customer and seller)
* Database (for reference: erdplus.com)
  + Account info
    - Last and First name
    - (don’t need tool or skill ids hee since we can join to skill/tool tables)
    - Availability
    - Gender
    - Age
    - Location/address
    - Phone
    - Email
    - Password hash
    - Birthday
    - Credit Card hash? (payment processors hold onto this)
  + Skill
    - Skill name
    - Skill id
    - Lessor id
    - Current lessee id (don’t know how to handle temporal rentals)
  + Tool
    - Tool name
    - Tool id
    - lessor id
    - Current lessee id (can go to 0 if returned)
    - Due date
    - In stock / returned
  + Transaction history
    - Transaction id
    - Lessor id
    - Lessee id
    - Tool id (many, one at a time?)
    - Skill id (many, one at a time?)
  + (this list will probably get longer)

# Workload Distribution

Here is out workload distribution as it currently stands:

* Ben – search page
* Gary – idea, design, live chat
* Steve – framework setup

(each page will need to interact with the database in its own way)

* MyliveChat: 126.com L..6!