**Task Roulette**

**Build Instructions**

**COP 4331, Spring, 2014**

**Team Name:** MADNESS (aka. Team 14)

**Team Members:**

* Cody McMahon
* Jessica Carter
* Matt McGivney
* Steven Lo
* Gunnar Skotnicki

**Modification history:**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Who | Comment |
| v0.0 | 05/13/13 | S. Applegate | Template |
| v1.0 | 03/31/14 | C. McMahon | Initial Formatting |
| v1.1 | 04/15/14 | C. McMahon | Initial Thoughts for the Build |
| v1.2 | 04/21/14 | C. McMahon | Materials Required & Build Instructions |



**Contents of this Document**

1. **Materials Required**
2. **Build Instructions**

**Section 1: Materials Required**

Product Owner:

*Important!:* **The Product owner has access to our server and should not need to install any of these things, but if the owner decides to create their own server, they need these technologies installed(NOT RECOMMENDED). Skip to Section 2 for information on logging into the server and running the site.**

**Mac**:

1. Install node/npm (<http://nodejs.org/download/>)

2. Install MongoDB (<http://www.mongodb.org/downloads>)

3. Install package dependencies with Node, **npm install** (based on package.json)

Should install bower, mongoose, (express), (jasmine)

4. Install frontend dependencies with Bower, **bower install** (based on bower.json)

Should install AngularJS, Bootstrap, jQuery

**Windows**:

1. Install node/npm (<http://nodejs.org/download/>)

2. Install MongoDB (<http://www.mongodb.org/downloads>)

3. Install package dependencies with Node, **npm install** (based on package.json)

Should install bower, mongoose, (express), (jasmine)

4. Install frontend dependencies with Bower, **bower install** (based on bower.json)

Should install AngularJS, Bootstrap, jQuery

**Linux**:

1. Install node/npm (<http://nodejs.org/download/>)

2. Install MongoDB (<http://www.mongodb.org/downloads>)

3. Install package dependencies with Node, **npm install** (based on package.json)

Should install bower, mongoose, (express), (jasmine)

4. Install frontend dependencies with Bower, **bower install** (based on bower.json)

Should install AngularJS, Bootstrap, jQuery

End User:

**iPhone**: Google Chrome Version 30+, iOS7 Safari

**Android Phone**: Google Chrome Version 30+

**Mac**: Google Chrome Version 30+, OSX 10.8 Safari 6.1+

**Windows**: Google Chrome Version 30+

**Linux**: Google Chrome Version 30+

**Section 2: Build Instructions**

*Note:* Anything bolded is a command to be typed into the terminal, ex. **echo “hello”**

*Product Owner:*

*Important!:* The site should be running already at [www.taskroulette.biz](http://www.taskroulette.biz), but if needed for testing to kill the site follow Step 1. Sign in to server and then type and execute **ps aux | grep node** and then **kill [number],** where number is the process id for “node app.js” (second column in the output from the first command).

1. Sign in to server:

* Windows:
  1. Download PuTTY: <http://the.earth.li/~sgtatham/putty/latest/x86/putty.exe>
  2. Run PuTTY:
     + - In the Host Name field: *198.199.72.129*
       - In the Port field: *1822*
       - Then click the open button
       - When prompted for username: *root*
       - When prompted for password: *poosclass*
* Mac/Linux:
  1. Open Terminal
  2. Type **ssh -p 1822 root@198.199.72.129**
     + password is *poosclass*

2. Once on the server, get to the Code Directory, **cd /home/poos/**

3. Mongo Database should be running. If not running, run the mongo database as a daemon, **./mongod --nohttpinterface --fork --logpath mongo.log**

*Note:* Check if mongo is running, **ps aux | grep mongod**, if running you will see “./mongod…” highlighted as a process

*Note*: needs to create a log file to fork as daemon

4. Go to where the code is, **cd /Poos/dev/**

5. Run the server, **node app.js** (for port 80 run with administrative privileges, sudo su if not root)

*End User:*

1. Go to url after Product Owner (System Admin) has the site up. ([www.taskroulette.biz](http://www.taskroulette.biz))

2. If the site is not up, contact the System Admin.