Client Meeting
Monday November 9th, 2015

- Had difficulty meeting prior to today due to circumstances outside of both the team's and the client's control
- Everything is verified
- We accomplished what we set out to do -
    - Creation of database
    - Ability to add, modify, and delete from the database
    - Secure log-in and access to the web application

We will meet at the regular time on Friday to discuss Sprint 2

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Client Meeting
Thursday October 15th, 2015

Truck Types:

Type	Description
Engine	Designed to supply water and pump water
Ladder	Aerial platform - bigger ladders - gives firefighters the ability to cut holes in roofs
Rescue	Automobile accidents/hazardous material calls
Brush	Modified pumpers/pickups
Utility	Pickup trucks - confined space rescues
Tanker	3,000 gallons of water - used to supply water to areas that do not have water

Database Tables & Fields:

Tables	Fields
Trucks	type, id number, gallons of water it contains, gallons per minute it can pump, status
Firefighters	first name, last name, suffix, rank, interior vs. exterior, gender, date of birth, id number
Fire Officers	username, password, id number

Should all fire officers be able to add, delete, and modify?
● No - don't want to give privilege to everyone because of security reasons
Only fire chief and assistant chiefs should have access to these features

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Client Meeting
Friday October 9th, 2015

- Reviewed the user stories and made the appropriate changes
- Discussed acceptance criteria for each user story
- If you are no longer a fire officer, then you should not have the same authority in the system as a new captain
    - People leave the fire department
    - Needs to be a way to take them out of the system once they are no longer a certain rank/no longer in the department
- Everyone should have their own username and password
- If the six of us answered a fire call…
    - 3 could be put on the first truck
    - If 3 show up later, they may be going to the same call OR they may be staying at the firehouse in case of a second call

Prioritizing user stories:
(Below is just notes - the actual user stories are prioritized in the YouTrack system)

High	- Logging into the system - Updating fire trucks (add, delete, modify) - Updating firefighters (add, delete, modify) - Interior vs. Exterior - Balancing the trucks - Viewing credentials
Medium	- Firefighters viewing trucks - Selecting a truck and a firefighter - Clicking on a truck/viewing who is on it
Low	- Listing firefighters alphabetically - Adding a firetruck to a call

Order of importance (at this moment):
1. Logging in
2. Adding people to system
3. Adding trucks to system

Everything to do with officers responding to call

4.

Client Meeting
Friday September 25, 2015

- User Stories
- When logging in, the username and password need to be authenticated
- In addition to the Fire Captain, the Lieutenants and Chief Officers have access to the system
- The Chief Officer has the absolute authority in the firehouse - he/she should be able to change anything in the system
- Rankings in the Firehouse:
    - Fire Chief - highest fire officer in district
    - Assistant Chief - (3 people)
    - Captain - can be multiple (1-2 people)
    - Lieutenant - (4 people)
    - Firefighters
- As a captain I want to click on a truck so that I can see which firefighters are on it
- The number of trucks going out depends on the call
- Motor Vehicle Accident
    - 1 or 2 trucks
    - Rescue truck - has rescue supplies
    - Engine (when using the Jaws of Life, sparks are sometimes created so the engine is brought to put those sparks out)
- Structure Fire
    - Initial attack truck, engines, ladder truck
- Sometimes it initially seems like a small call but more trucks have to be sent out
- As the officer in charge of the scene I want to be able to add a firetruck so that _____
- Volunteer service - don't know who is going to come to the call until they walk through the door
- System needs to be able to add/subtract people
- Sometimes no one shows up to the call and the department has to reach out to neighboring departments
- The firefighters should be listed in alphabetical order
- The firefighters should be separated by interior vs exterior
- Do people switch from interior to exterior?
    - Yes, but the switch is only permanent if it is voluntary or medical
    - Are sometimes changed on the spot - an interior firefighter will have to be on the exterior at a call sometimes - but this switch is not permanent
    - Interior or Exterior is a permanent status
    - Interior firefighters have to get a physical before they can be interior firefighters - if they do not pass the physical they are automatically exterior firefighters
- Need to be able to select which truck to place firefighters on

- There is an order in which the trucks must arrive for each call - a ladder truck needs to be able to park close to the building, for example
- Need to keep track of which trucks are available
- The status of each truck needs to be updated in the system
    - Truck is out of service
    - Truck is out on a call
    - Truck is available

TEAM TO-DO:
- User stories! We have a lot of information to work with after today's meeting. Come up with user stories and we will go over them during Tuesday's meeting.
- Put the user stories in the YouTrack system

Client Meeting
Friday September 18, 2015

- Captain needs to be able to hand pick the firefighters that go into the truck - the software will NOT automatically do it
- Listed below are the types of calls that the firehouse can receive:
    - Structure fire
    - Hazardous material
    - Motor vehicle accident
    - Medical assist
    - Water rescue
- ALL firefighters go through NY1 firefighter training - cannot stay in the fire company without this training
- Additional credentials/certifications are…
    - Hazardous materials
    - EMT
    - Confined space
    - Jaws of Life
- **Fire Operations**
    - This is a volunteer firefighter organization
    - Volunteers live at home
    - Chief officers respond directly from their homes to the scene
    - Captain and Lieutenant balance the trucks
    - More than just getting the job done - there is liability associated with it
        - Ex: If all exterior firefighters are sent to a structure fire call where people need to be rescued from inside the house, then no firefighters can be sent inside and people will die
- Call comes through pager - from there the Captain will log into the system and balance the trucks
- Not sure about the map component of the project right now - will hold off on it until the balancing the trucks component is functional
- Don't know of any other fire company in the area that is doing this - we are pioneers!
- **IMPORTANT: The screen cannot be busy** - firefighters have to quickly make clear decisions in a highly emotional situation - people's lives are relying on it
- The Captain's screen and the monitor in the firehouse can be the same

TEAM TO-DO:
- Come up with ideas/layouts for the display for Tuesday's team meeting
    - Checkboxes? Drag and drop?
    - Make sure to keep it simple and intuitive
- Project Charter is due at beginning of lab on Thursday

Initial Meeting
Tuesday September 15, 2015

- Purpose of the project is to automate the system in the fire house
- Captain's job is to see who comes in to answer a call and assign them to a truck
- Every fire fighter comes in with different qualifications and experience
- Right now there is not an easy way to make sure that there is balance on the trucks that are sent out
  - Don't want a truck of only inexperienced firefighters, for example
- Captains and Lieutenants need to know who comes to each call and what truck they are assigned to
- System shall allow them to assign the firefighters that answer the call to a truck
- Wants there to be a monitor in the fire house so that the firefighters can see which truck they are assigned to and which firefighters are on the call
- The type of call determines the kind of people needed to answer it
- Interior vs. exterior firefighters - system shall keep track of this as well
- System shall be controlled by higher ups
- No preference on web browser
- All firefighters have to go through a training
- System shall help balance the trucks