**Capstone – Notes**

1/17/2017

**Document Revision History**

* Document Version
* Description
* Revised By
* Revision Date
* Reviewed By

**Version Control**

* If you are using version control, save separate versions
* Don’t rely just on version control

**Schedule**

* 1/20 – Apply for roles
* 1/23 – provided roles
* 2/6 – rev a of documentation due
* 3/24 – Engineering cutoff
* 4/3 – Development cutoff
* 4/10 – final presentation

**Intellectual Property**

* “RoviSys is the owner of all works developed during the duration of the class. All work and intellectual property as a result of this course is the sole property of RoviSys”

**Roles**

* Project Manager
  + Make sure Chris knows progress and issues
  + Think about customer
  + Weekly status updates
  + User Requirement Specification (URS)
    - What the user is going to do
    - Specific (not how, but what)
* Technical Lead
  + Functional Specifications (FS)
    - Take URS, tell how it’s going to be done
    - What the infrastructure/architecture looks like
    - What the development team is going to provide
* Quality Assurance (QA) Specialist - NO
  + Make sure the thing works as expected
  + Unit testing
    - Whenever possible
    - Automated testing
      * Don’t have to test every time
  + User Acceptance Testing (UAT) Plan
    - Testing strategy and plan
* User Experience Designer (UXD)
  + Important for web apps
* Database Administrator (DA)
* Software Architect
  + Make sure code is…
    - Readable
    - Modular
    - Portability

**Communication**

* Weekly Reports
  + Submitted by project managers
    - By 10am every Tuesday
  + Include the following:
    - Development progress
      * Progress according to the schedule
    - Designs for future development
    - Issues during development
    - Questions or clarification on scope
* Milestone Reviews
  + At least 2
    - One in the middle
    - Final project
  + Check for any holes, and demo works
  + Make sure functional specifications are implemented
* Escalation Path
* Final Presentation

**Projects**

* Client and server side for each
* Projects
  + Document Generator
    - Like scratch but for documents
    - Probably AngularJS
  + Time Management System

1/19/2017