**Content Aggregator**

Post Meeting Recap

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Team Galvatron

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#### Roles/Responsibilities

* Tyler - Project Manager, UX
* Yuting - UX
* Peter - UX, QA
* Tony - Technical Architect, Backend
* David - Devops, Backend, QA
* Pengwei - UX
* Vickie - Database

#### Project Plan

* Currently in Week 8
* Ambitious in previous plan - thought we would be done our authentication system and most of development work by this week
* Revised plan to stretch the development time as well as testing from now until April
* Application is now deployed on AWS, which was earlier than anticipated

#### Progress

* Environment / Deployment
  + Deployed to an EC2 instance on AWS
  + Using Linux, based on CentOS
  + Running the applications under NodeJS and using MySQL as db
  + Team members are not very familiar with deployment so learning as we go from online tutorials and videos
  + Using systemd to start the client and server application as services
* helpful logging info
* if program crashes, will try to automatically restart the application
  + Re-deploying is done through a bash script or manually if an error is encountered
  + Have incorporated configuration files to differentiate between dev and production environments
  + Automatically switches to correct config based on environment.
* JIRA
  + Kanban board
* see what needs to be done
* visualize who’s working on what
* keeps us organized
* group tasks together
* Current State
  + Front-end, back-end, database set up
  + UI functionality mocked up / completed
  + API
* some still mock data
* some endpoints done
* client successfully communicating with backend
  + Front-end
* main pages all done except for settings page
  + UI styling
* not done
* changing design as we go
  + Google OAuth successfully done

#### Current challenges

1. Finalizing Data Design

* some data tables need more or less columns
* need additional table to store information we didn’t think of ahead of time
* couldn’t accurately assess problems ahead of time due to not having as much experience with integrating our data with rest of application

1. UX Design

* No one on team has prior experience with UX
* i.e. not knowing how much information we should be displaying with each post
* Challenging because we don’t know good UX design practices

1. Authentication / Implementation

* Authentication partially implemented already, anticipate having issues on client side with managing what UI elements are visible to users
* i.e. we only want approvers/admins to see unpublished posts and don’t want normal users to access our pages to manage companies/categories
* need more research into how to manage each of the users sessions and the tokens we are issuing the users
* need to look into how to hide parts of UI dependign on what current user’s role is

1. Deployment

* Performance Issues
  + Free Tier
  + VM is not powerful enough, currently deployed on an instance with 1 GB memory and 1 vcore
  + CPU usage spikes to 100% when deploying
  + Hard to support 1000 or more concurrent users.
  + Sponsor says this is OK

#### Demo

* Login
* Main Page
  + Filter
* by post or company/category
* admins can filter by unpublished/published
  + *Suggestion: have more obvious way of showing that a post needs approval*
  + Using wrong galvanize blog
  + *Delete category that is in use by other posts*
* still need to handle this
* User management page
* Blog Streams page
* Categories/Companies page
* Settings page

#### Questions

1. Does UI layout for admin page and main page look ok?

* A lot of websites have clickbait
* How can we make the website appealing and lure Vancouver software developers?
* Suggestion: Big banner to welcome users
* Include company logos
* Make tags noticeable
* “Pretty it up” - find pretty websites and follow
* No underlines for logo
* Login page should be prettier

1. For admins/approvers, we display the unpublished posts on the main page and unpublished blog streams on an admin page for approval. Is this ok?

* Unpublished posts and published posts on same page
  + Put unpublished posts on top (not mixed in with published posts) to mitigate risk of unpublished posts going too far down and lost
* Unpublished posts
  + Show how many approvals currently
  + Show who has approved it

1. Under the admin settings should we have a setting to update the scheduler frequency? i.e. Email with new posts now gets sent every other day, or we now scan blog streams every hour.

* Configuration file in background
* Can change if you want to - don’t need to
* Approval threshold is a valid setting

1. When submitting posts/streams users are allowed to specify the company associated with the post, is this way of associating posts with companies okay? Or should posts be associated directly with an user’s registered company.

* Also up to approvers to tag with companies
* If person is unemployed or without a company, reviewer should be able to change the company submitted by user
* i.e. Dropdown with Other (some people may not want to say their company)
* User Management
  + Company should be optional - users may not want to say

Q&A

* We demoed view for admin
  + Users would not see unpublished posts
  + Users would not see the ability to edit posts (approve/delete)
  + Users can see user profile page (cannot see the settings pages)
  + Weekly/daily email notification of what is new
* More border space on User Management page etc.
* Login page should be more enticing
* Summary of logos to entice people to login
  + People may not trust clicking things on Internet
  + Logos, pictures of Vancouver.. etc.
* Sponsor will provide actual blog links
* Optional final presentation - come to Galvanize to present

#### Action Items

* Make changes based on feedback
  + Create new tickets on JIRA
* Improve/re-do UX and UI
  + Make Login page more appealing
  + Incorporate Vancouver imagery
  + Posts on home page should not be just links to another page
  + More border space on User Management page etc.
  + Unpublished posts should be more obvious and on top of page for admins
* Update database tables
  + Add table to hold who approved which post
  + Company should be nullable for users
* Implement scheduler, RSS feed
* Update living documents
* Submit recap meeting notes
* Start on Test Plan