

Project Status Report 3

Due: Monday, March 13, 2017

Date of Report Prepared: Wednesday, March 15, 2016

,

Report Prepared By: Kazuma Sato

Organization:

Project Name:	CrossCampus		
Project Team:	Team 13 - xcamp.us		
Period Reporting:	Start Date: Mar 1, 2017		End Date: Mar 13, 2017
Overall Project Health	Warning		

Summary

Most milestones have been delayed or missed. Due to change of plans to host the application to Amazon Web Services(AWS), fundamental architecture of the back-end has changed. except for The database schema and triggers implementation to Relational Database Service(RDS) was on schedule. The Virtual Private Cloud(VPC) and Route 53(DNS Service) has been configured. Identity and Access Management(IAM) has been configured development use. Major delay with the RESTful API implementation resulting in re-assignment of tasks. A meeting to recoup was called. As a result, tasks have been assigned.

Accomplishments as Planned →	Assigned To		Planned but not Accomplished →	Assigned from / to
AWS Initial Setup with VPC, Route 53, and IAM	Mark Gallant- Wheeler		RESTful API Implementation to AWS: Lambda	Pavle Boraniev to Kazuma Sato
MySQL Database Schema, Triggers on AWS:RDS	Kazuma Sato		AWS: API Gateway Model/Resource Mapping	Pavle Boraniev to Kazuma Sato

Upcoming Objectives

The completion of the back-end host application is imperative. Cognito must have User Pools and Groups and Federated Identities configured with permissions associated with IAM Groups, Users, Roles, and Policies need to be fully configured for user authorization, authorization and access control. AWS: Simple Storage Service needs to be configured to trigger Lambda functions to update the Files table in the database upon delete and upload. API Gateway resource mapping must be deployed to the development stage with all HTTP methods integrated with Lambda functions.

Client application for both web and Android also need to be completed. Luckily, the switch to AWS does not change the design of the clients.

Planned Activities/Tasks for Next Period		
Activity/Task	Due Date and Duration	Assigned To
Create Cognito User Pools, and Groups with Federated Identities	March 17, 2017 1 Day	Mark Gallant-Wheeler
Lambda Functions for API and Proxy Integration to API Gateway and S3	March 19, 2017 34 Days	Kazuma Sato
API Gateway Resource Mapping	March 17, 2017 22 Days	Kazuma Sato
Web Client Application Layer	March 31, 2017 13 days	Mark Gallant Wheeler, Kazuma Sato
Web Client UX/UI implementation	March 31, 2017 11 Days	Mark Gallant Wheeler, Kazuma Sato
Android Client Application Layer	March 31, 2017 21 Days	Pavle Boraniev
Android Client UX/UI implementation	March 31, 2017 11 Days	Pavle Boraniev
Testing	April 2, 2017 2 Days	Mark Gallant Wheeler, Kazuma Sato, Pavle Boraniev
Deployment	April 4, 2017 2 Days	Mark Gallant Wheeler, Kazuma Sato, Pavle Boraniev

Milestones for Next Period		
Milestone (Objective)	Delivery Date	Assigned To
Development Complete	March 31, 2017	Entire Team
Testing Complete	April 2, 2017	Entire Team
Deployment Complete	April 4, 2017	Entire Team

Managing Issues and Risk

Due to time and resource constraints, there are many risks. If any of the tasks are delayed, there is risk of the project not meeting the deadline. Daily constant communication with status updates should minimize risk factor.

Issues/Problems	Resolution Strategy	Due Date	Assigned To
Insufficient resources for mobile application	Assigning a dedicated resource to task	March 31,2017	Pavle Boraniev

Upcoming Risks	Risk Ranking (Hi, Med, Low)	Risk Impact (Hi, Med, Low)	Mitigation Strategy	Assigned To
Not Meeting Deadlines	Hi	Hi	Compressed Task Timeline	Entire Team

Team T-13**Capstone Project II****Minutes of Meeting**

Date: March 8th, 2017
Time: 12:15pm
Location: George Brown College
C Building: 4th Floor

Attendees:
 Team member 1: Pavle Boraneiv
 Team member 2: Mark Gallant-Wheeler
 Team member 3: Kazuma Sato

Agenda

Item	Description
Review of previous meeting	Recapped our progress; functions taking shape, test deployment space complete, FTP solution in progress, recursive querying removed.
Pavle ultimatum	Decided to give Pavle ultimatum: produce significant progress on data handlers for either / or web and mobile platform by Sunday 12th , or to complete the mobile app using our API under separate brand. He agreed to make progress on the data handlers.
AWS Lambda & API Gateway	Kazuma will begin to insert lambdas into the api, so that we can test deployment, insert dummy data into RDS and Pavle can test and continue past the data handlers.
AWS Cognito Storage Server and FTP	Mark will complete the login process, requiring synchronization with AWS Cognito. FTP server and connections will be made available. Mark will test role permissions once the API deployment is populated. Will work with graphic designer to produce UI and UX plans

Updated Gantt Chart

