URL Logger

Sprint 2 Plan

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Product Name:	URL Logger
Sprint Completion Date:	02/27/2017
Revision Number:	1
Revision Date:	02/21/2017

SPRINT GOAL:

As a team, we want to create a working rough draft of the Chrome Extension to demonstrate functionality to our sponsor. This includes integration between the front and back-end, a working login system, as well as URL collection stored and retrieved correctly. Finally, development on the Android application will progress further.

TASK LISTING

1. As a Product Sponsor, I want users to be able to login to the desktop application.

   a. Send login data from Chrome Extension to server-side application (AJAX). (1)

   b. Learn PHP. (2)

   c. Develop server-side application/logic. (3)

   d. Create an aesthetically appealing front-end login system.(2)

   Estimated time: 8 hours per week

2. As a Developer, I want to create a basic web service to interact with the database and front-end.

   a. Create basic MySQL database using Amazon AWS

   b. Populate MySQL database with sample tables, columns, rows

   c. Generate permissions that allow team to access database

   d. Create basic web service to connect to database

e. Make a test php file that connects to the database

f. Upload test php file to web service so it is actively running

Estimated time:

3. As a Developer, I want to connect the chrome extension to the database to be able to store and retrieve data.

a. Generate XMLhttp requests that post data to web service

b. Format data so that it can be received as a single string

c. Send formatted string through an XMLhttp request

d. Modify test php file to accept single string

e. Parse string into an array of the data collected in extension

f. Insert data from array into data using mySQL

Estimated time:

4. As an Administrator, I need a web portal to view and interact with the collected information.

a. Create a secure login system

b. Create a page for viewing general statistics

c. Create a page for viewing general collection data

d. Create a page for viewing analytical data

Estimated time:

5. As an Administrator, I need a web interface to analyze the collected data for trends.

a. Research embedding of Google analytics into administrative portal

b. Research embedding of other analytical programs into administrative portal

c. Embed one or more analytics programs into the administrative portal

Estimated time:

6. As a Developer, I need a secure system to prevent unintended access by third-parties.

a. Separate database users and permissions by required tasks

b. Create a table to store password salts

c. Hash user passwords using strong encryption and salts

d. Disallow access to the database by external sources

Estimated time:

TEAM ROLES & TASK ASSIGNMENTS

Mitchell Etzel(Product Owner) :

Darius Sakhapour(Scrum Master) : 1a, 1b, 1c, 1d

Jarad Shelton(Developer) :

Cedric Linares(Developer) :

INITIAL BURN-UP CHART

INITIAL SCRUM BOARD

Final Drafts Will Be Available in BSOE 302