**Outsourcing of Network Services Assessment Tool**

**HowdyCoders**

**Iteration 0 Report**

Scrum Master: Chengyi Min Product Owner: Eikagra Sharma

Meeting Time:

Client: 10:30 am - 11:30 am Wednesday HRBB 307

TA: 12:00 pm - 1:00 pm Wednesday TA’s office

GitHub repo: <https://github.com/howdycoders>

Vimeo link (Client Interview): <https://vimeo.com/294515063>

Pivotal Tracker: <https://www.pivotaltracker.com/n/projects/2204673>

**Summary**

**1.** **The main customer need:**

There is an inherent challenge for government agencies to determine whether or not a network service is appropriate to be outsourced from a certain company. These decisions take into consideration the following risk factors:

1) Trustworthiness of individual companies (i.e. employee demographics)

2) Current security practices of companies

3) Financial aspects

Decision makers have been relying on an extensive Excel spreadsheet that encompasses the above information. The main customer need is to build a web application version of this existing system with improved functionalities such as user interactions and efficient data management.

**2. How the application meets it:**

We are to build a web application that is an open source, posted on a GitHub repository that customers can download. It will constitute a web front end with a web interface that takes inputs in the form of text boxes from users and enables uploading of information in a structural format to the database. Then, information fetched from the web front end is posted to the database backend. The application will also implement an additional form of analytics that would provide more opportunities for decision makers to see the risk implications associated with companies and their practices, compared to the existing system.

**3.** **Stakeholders:**

The U.S. government agencies in general

**User Stories**

**Feature:** Submit a file to Outsourcing of Network Services Assessment Tool System

As a government agency

I should be able to upload a spreadsheet file to the system

Scenario: Submit an existing form to serve as the backend

Given I am on the upload page

And I choose the file and press upload

Then the file can serve as the backend of risk evaluation.

**Feature:** Fill out and submit a form to the Outsourcing of Network Services Assessment Tool System

As a company representative

I want to fill in information regarding security, trust level and financial state of my company and submit it

Scenario: Fill in the form and successfully submit

Given I am on the edit information page

And I fill in some of the forms

And I press submit

Then users can evaluate my company’s risk

And I should be able to decide who is able to see that information explicitly.

**Feature:** Visualizing charts of risk assessment

As a user of the system

I want to see the risk assessment results of one or more companies

Scenario: See the charts

Given I am on the result page of risk assessment

Then I should see the results in the form of bar charts

And I will know which company is recommended to choose.

**Feature:** Scoring risk assessment of companies

As a user of the system

I want to see expected scores of different aspects of companies

Scenario: See numbers in the colored buckets

Given I am on the alternative result page of risk assessment

Then I should see suggestions

And I should see colored indicators in an informative and intuitive way

And missing information is highlighted

But missing information is not represented as a low score