Date: 28/06/2024

Time: 14:00

Location: Teams Meeting

Attendees: **Martin Beard** (Key stakeholder**), Imogen Burgham**(Jave engineer- Backend), **Morgan Stewart**(DevOps Engineer), **Sadie Joelson-White**(Business consultant), **Irina Diana Gall**( Java Engineer- Frontend), **Eve Burton**(Tester), **Emma Craig**(Data Engineer), **Gabriella Sanchez** (Product Owner/ Scrum master)

Agenda:

1. Reviewing the primary goal of the sprint.
2. Showcasing new features
3. Stakeholder feedback
4. incomplete User Stories
5. Highlighting impediments/blockers
6. Reviewing the project objectives
7. Discussing progress toward the Product Goal.
8. **Sprint Goals Review**

Product owner introduced the session, spoke through agenda and started to discuss sprint goals. Demonstrating the Jira board the team had been working on. Taking a Scrumban approach and showed the goals for the first sprint.

* **Sprint Goals**:
  + Integrate dataset and prediction calculator with public APIs, Low fidelity wireframe and Documentation completed and uploaded onto GitHub.
* **Achievements**:
  + Follow discuss from day before we gained some clearer insight on the trajectory of the project. Requirements and value of the product. Perspective for the user and how it can showcase our skills and capabilities.
* **Comments**:
* Decided to take the perspective of a car rental insurance company, the app willallow users to assess car rental insurance premiums based on their personal information and rental location.

**2. Demonstration of Completed Work**

* **What we achieved:**
  + Backend engineer has incorporated 3rd party APIs, created basic risk assessment off input for age and avg miles per day. Created database to incorporate dataset from DE. Converting python class to make predictions from that dataset to put into back end. Assessment refined for statistics.
  + Frontend engineer generated wireframe of landing page- navigation bar that will appear on each page: including tabs for services. Wireframe for the output form that will display an overall rating, with a rating score to go with that.
  + Data engineer found some trouble creating a statistical model- some problems with dataset. Therefore, have to create a prediction model for location, time of day, day of the week, month of the year, comparing stats to what the average would be for that city/zip code.

Explain the cleaned dataset has been sent to the backend engineer and they are currently working on translating python script into java.

* + Tester has confirmed all manual test conducted thus far have passed. Will need to do some form of regression test to automate testing.
  + Devops engineer updates that she has created Jenkins builder server. Will aim to get it automated within timeframe but as backup just run It locally i.e. manual deployment.

**3. Feedback and Discussion**

* **Stakeholder Feedback**:
  + Incorporate some kind of Sparta logo/identity in the displays and then can give it any name. Visuals look okay.
  + Stakeholder inquired about the dataset including information about speed of accident?(NO)
  + Stakeholder inquired about analysis-possibility of displaying a dashboard to show incident hotspots. Jave engineers feel this is possible as the stats will go into the back end- to then generate a more accurate map and get positions- implement visually those points in the map on the frontend.
  + Stakeholder suggested for DE to generate a static image of accident hotspots in California to be displayed on its own page when the form is submitted on the web app. This adds value to are analysis and the output rating.
* **Discussion Points**:
* Tester is not familiar with Spring software. For stakeholder to send some training videos
* Stakeholder to confirm client visit on Thursday- to then get approval for travel compensation- will have an answer before end of day so to confirm that Sparta will pay for travel expenses.
* At current rate of development, the one day window for deployment is not feasible. In case of one mistake the app won’t be able to deploy. Stakeholder suggest deploying it locally. Happy to then expand on this during the presentation as Devops engineer understands how the pipeline should work and what it would display.
* Presentation needs to be ‘slick’- not a quality gate, showing who we are and what we are capable of. Practise for clients and often jobs and opportunities can come out of these demonstrations.

**7. Next Sprint**

* **Next steps:**
  + Get a somewhat working model so DevOps engineer can get an early model of that and start to automate deployment.
  + DE to create static dashboard of California.
  + Java engineer to integrate the user information to influence the rating algorithm (their age and years of experience)
  + Clean up design.
* **Priorities**:
  + Get something working for demonstration and presentation that tells a story.
* **Anticipated Challenges**:

Timeframe