**Meeting Minutes**

**Sprint Planning Meetings**

**Sprint 1**

**SP20 Team26 Planning 1/13/2020 4:45pm 5:30pm**

·         Julian Pineiro, Jorge Costa, Eric Dwyer

·         **Sprint Goals:**

* Host the previous version of the project on AWS.
* Fully establish and refine project goals.
* Conduct preliminary research

·       **Sprint User Stories:**

* User Story 1 -  Create IAM users
  + As a developer I would like to access the AWS service via an IAM role
  + Initially assigned to Jorge.
* User Story 2 - Re-evaluate AWS billing
  + As the product owner I would like to stop recurring payments to AWS for services that are not currently necessary
  + Initially assigned to Jorge.
* User Story 3 - Preliminary hosting research
  + As a developer I would like to perform preliminary research on AWS hosting
  + Initially assigned to Jorge and Julian
* User Story 4 - Story tracking
  + As a developer I would like to set up a system to track user stories to facilitate efficient development
  + Initially assigned to Julian.
* User Story 5 - CI/CD research
  + As a developer I would like to research CI/CD to facilitate efficient development.
  + Initially assigned to Julian.
* User Story 6 - Organize meeting dates.
  + As a developer I would like to organize meeting dates for the rest of the semester.
  + Initially assigned to Julian.
* User Story 7 - Set up billing alerts
  + As a developer I would like to set up billing alerts on AWS to avoid excessive billing.
  + Initially assigned to Jorge.

·         **Summary** - The general goal of this sprint for the time being will be to set up and host the previous iteration of the project and work with the product owner to figure out the broader project goals.

**Sprint 2**

SP20 Team26 Planning 1/28/2020 4pm 4:20pm

* Jorge Costa, Julian Pinerio, Ehsan Seyedjafari
* Sprint Goals:
* Get the project running on AWS
* Incorporate the old features back into the locally ran application
* Sprint User Stories:
  + User Story 1 - Run the application with minimal features on AWS
    - As a Product owner I would like to see some version of the application running on AWS.
    - Initially assigned to both Jorge and Julian
    - Large Size - Very important Priority - 8 points
  + User Story 2 - Improve the features that are run locally while making sure integration into AWS works.
    - As a Product owner I would like more features to be functionable when using the application
    - Initially assigned to both Jorge and Julian
    - Large Size - High priority - 8 points
  + User Story 3 - Get encryption working with API secrets locally and AWS
    - As a product owner I would like to keep API keys secret when running the program.
    - Initially assigned to Julian
    - Medium Size - Medium priority - 4 points
  + User Story 4 - Re-evaluate AWS billing
    - As the product owner I would like to stop recurring payments to AWS for services that are not currently necessary
    - Initially assigned to Jorge.
    - Medium Size - Low/Medium Priority - 4 points
  + User Story 5 - CI/CD research
    - As a developer I would like to research CI/CD to facilitate efficient development.
    - Initially assigned to Julian.
    - Small Size - Low Priority - 2 points
  + User Story 6 - Set up billing alerts
    - As a developer I would like to set up billing alerts on AWS to avoid excessive billing.
    - Initially assigned to Jorge.
    - Small Size - Low Priority - 2 points
* Summary - Getting the project up and running on AWS is top priority. This is what we plan to focus on and then incorporate the old features back into the application as we solve their problems. This way we can have some deliverable progress by the end of the sprint regardless of the errors that come up.

**Sprint 3**

SP20 Team26 Planning 2/11/2020 5:00pm 5:30pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Sprint Goals:
  + Get running/improve optical character recognition
  + Do preliminary work on setting up bulk word uploading to the database via csv
  + Make other minor site changes
* Sprints:
  + Conduct research on options for optical character recognition
    - As a developer I would like to research my options for implementing OCR
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Conduct research on options for CSV upload to DB
    - As a developer I would like to research my options for database upload via csv file
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Implement optical character recognition with minimal inaccuracies
    - As a user I would like to be able to upload an image of text and have the application interpret the image as text
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Add header to dictionary page
    - As a product owner I would like the dictionary page to have an additional header
    - Initially assigned to Julian
    - Small size - 2 points
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points

**Sprint 4**

SP20 Team26 Planning 3/2/2020 2:45pm 3:05pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Sprint Goals:
  + Establish a global limit on the number of documents that can be scanned with OCR
  + Set up bulk word uploading to the database via csv
  + Update K1 and K2 lists and add a K3 list
* Sprint User Stories:
  + Implement bulk word upload to the DB by admin via CSV
    - As a product owner I would like to upload words to the database in bulk
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points
  + Establish a global limit for how many documents can be scanned by textract
    - As a product owner I would like to limit the amount of documents that go through textract in order to limit costs
    - Initially assigned to Jorge
    - Medium size - 4 points
  + Update K1 and K2 word lists
    - As a product owner I would like to make some changes to the existing K1 and K2 word lists to resolve inconsistencies
    - Initially assigned to Jorge
    - Medium size - 4 points
  + Add another category “K3” list to the project
    - As a product owner I would like to add a new category of words for the project
    - Initially assigned to Julian
    - Medium size - 4 points
  + Get previous Tests working on the project
    - As a developer I want to make sure previous tests work with the production build.
    - Initially assigned to Julian
    - Medium Size - 4 points

**Sprint 5**

SP20 Team26 Planning 3/17/2020 2:45pm 3:15pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Sprint Goals:
  + Establish a backup host for the application so the site can be hosted in the event of an AWS outage
  + Backup the database and application locally
  + Make other minor site changes
* Sprints:
  + Conduct preliminary research on the best options for hosting a backup server
    - As as a developer I would like to better understand my options for hosting a backup so that I can decide on the best implementation
    - Initially assigned to Julian
    - Medium size - 4 points
  + Back up the database locally
    - As a product owner I would like to backup my database locally in case of a data loss event
    - Initially assigned to Jorge
    - Medium size - 4 points
  + Host a backup of the site
    - As a developer I would like to set up a backup host to be used in the event of an aws outage
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points

**Sprint 6**

SP20 Team26 Planning 4/1/2020 4:45pm 5:15pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Sprint Goals:
  + Establish a backup host for the application so the site can be hosted in the event of an AWS outage
  + Make aesthetic improvements to the front end
* Sprint stories:
  + Host a backup of the site
    - As a developer I would like to set up a backup host to be used in the event of an aws outage
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Make changes to dictionary page
    - As a product owner I would like to update the dictionary page in order to make it more readable
    - Initially assigned to Julian
    - Small size - 2 points
  + Assess necessary aesthetic changes to each page on the site
    - As a developer I would like to assess what changes need to be made to the frontend of each page on the site
    - Initially assigned to Jorge and Julian
    - Medium size - 8 points

**Sprint 7**

SP20 Team26 Planning 4/15/2020 3:45pm 4:00pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Sprint Goals:
  + Compile the final deliverable for the project.
  + Complete posters, documentation, presentation slides, and videos for the project.
  + Fix any bugs present that might still be in the project from previous sprints.
* Sprint stories:
  + Fix enhanced text bugs
    - As a developer I would like to fix bugs caused by backend changes made during last sprint’s bug fixes
    - Initially assigned to Jorge and Julian
    - Size - 8 points
  + Code clean up on some files changed within the project
    - As a developer I would like the updated changes made to be readable and consistent for the next group
    - Initially assigned to Julian
    - Size - 6 points
  + Poster
    - As a developer I would like to create a poster showcasing the progress made on the application
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Presentation slides
    - As a developer I would like to create presentation slides to showcase the progress made on the application
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Videos
    - As a developer I would like to create videos using the presentation slide which describe the project
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Compiling documentation
    - As a developer I would like to update some aspects of the documentation to really explain and help avoid some of the issues we encountered this semester.
    - Initially assigned to Jorge
    - Medium size - 6 points

**Grooming Meetings**

**Sprint 1**

SP20 Team26 Grooming 1/24/2020 5:00pm 5:30pm

* Julian Pineiro, Jorge Costa, Ehsan Seyedjafari
* Product Backlog:
  + User Story 1 - Install the Dependencies/Research the backend of the application
    - As a Developer I would like to install all the dependencies required to get the backend of the application working
    - Initially assigned to both Jorge and Julian
    - Medium Size - Very important Priority - 4 points
  + User Story 2 - Run the application with minimal backend features locally
    - As a Developer I would like to be able to run the application locally
    - Initially assigned to both Jorge and Julian
    - Large Size - Very important Priority - 8 points
  + User Story 3 - Run the application with minimal features on AWS
    - As a Product owner I would like to see some version of the application running on AWS.
    - Initially assigned to both Jorge and Julian
    - Large Size - Very important Priority - 8 points
  + User Story 4 - Improve the features that are run locally while making sure integration into AWS works.
    - As a Product owner I would like more features to be functionable when using the application
    - Initially assigned to both Jorge and Julian
    - Large Size - High priority - 8 points
  + User Story 5 - Get encryption working with API secrets locally and AWS
    - As a product owner I would like to keep API keys secret when running the program.
    - Initially assigned to Julian
    - Medium Size - Medium priority - 4 points
  + User Story 6 - Re-evaluate AWS billing
    - As the product owner I would like to stop recurring payments to AWS for services that are not currently necessary
    - Initially assigned to Jorge.
    - Medium Size - Low/Medium Priority - 4 points
  + User Story 7 - CI/CD research
    - As a developer I would like to research CI/CD to facilitate efficient development.
    - Initially assigned to Julian.
    - Small Size - Low Priority - 2 points
  + User Story 8 - Set up billing alerts
    - As a developer I would like to set up billing alerts on AWS to avoid excessive billing.
    - Initially assigned to Jorge.
    - Small Size - Low Priority - 2 points
  + Epic 1 : Get the project run locally
  + Epic 2 : Get the project running on AWS
  + Epic 3: Add new features to VIRS
* Summary - We talked with the product owner and he stressed that getting the product up and running was the first priority. We planned to do this but in steps to make the process actually yield some sort of result. We are still dealing with local issues that are sort of slowing us down, but we do plan to get something running on AWS by the end of this sprint or the next one.

**Sprint 2**

SP20 Team26 Grooming 2/5/2020 2:00pm 2:30pm

* Julian Pineiro, Jorge Costa, Ehsan Seyedjafari
* Product Backlog:
  + User Story 1 - Run the application with minimal features on AWS
    - As a Product owner I would like to see some version of the application running on AWS.
    - Initially assigned to both Jorge and Julian
    - Large Size - Very important Priority - 8 points
  + User Story 4 - Re-evaluate AWS billing
    - As the product owner I would like to stop recurring payments to AWS for services that are not currently necessary
    - Initially assigned to Jorge.
    - Medium Size - Low/Medium Priority - 4 points
  + User Story 5 - CI/CD research
    - As a developer I would like to research CI/CD to facilitate efficient development.
    - Initially assigned to Julian.
    - Small Size - Low Priority - 2 points
  + User Story 7 - Resolve database issues on AWS
    - As a developer I would like to have a functioning database to run the application.
    - Initially assigned to Julian
    - Small Size - Med priority - 2 points
  + User story 8 - Resolve port/communication errors between instances
    - As a developer I would like to resolve the communication errors between the instance running the application and the database
    - Initially assigned to Jorge
    - Small Size - Medium priority - 4 points
  + User Story 9 - Solve bundling issues with Elastic Beanstalk
    - As a developer I would like to have a functioning database to run the application.
    - Initially assigned to Julian
    - Small Size - Med priority - 1 points
* Summary: We explained to the Product Owner how we got the program fully working locally as well as resolving our encryption issues. We plan to get the website fully up and running by the end of the sprint though we have been facing some issues on getting this application working the existing infrastructure.

**Sprint 3**

SP20 Team26 Grooming 2/20/2020 2:00pm 2:30pm

* Jorge Costa, Julian Pineiro, Eric Dwyer
* Product Backlog:
  + Implement optical character recognition with minimal inaccuracies
    - As a user I would like to be able to upload an image of text and have the application interpret the image as text
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Add header to dictionary page
    - As a product owner I would like the dictionary page to have an additional header
    - Initially assigned to Julian
    - Small size - 2 points
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points
  + Make adjustments to communications between application and database
    - As a developer I would like to secure communication between the database and the application
    - Initially assigned to Jorge
    - Small size - 2 points
  + Conduct research into RDS pricing
    - As a product owner I would like to lower the cost of hosting the server on AWS
    - Initially assigned to Jorge
    - Small size - 2 points
  + Create a Github repository for the project and compile changes made
    - As a developer I would like to manage changes to the project and compiling the previous changes made for the project
    - Initially assigned to Julian
    - Small size - 2 points
* Summary - We showcased the project to Eric and was impressed with the product working. He really emphasized the need for OCR technology on plain pictures. So this is what we will focus on for the rest of the sprint and hopefully finish it.

**Sprint 4**

SP20 Team26 Grooming 3/13/2020 2:00pm 2:30pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Product Backlog:
  + Implement bulk word upload to the DB by admin via CSV
    - As a product owner I would like to upload words to the database in bulk
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points
  + Update K1 and K2 word lists
    - As a product owner I would like to make some changes to the existing K1 and K2 word lists to resolve inconsistencies
    - Initially assigned to Jorge
    - Medium size - 4 points
  + Add another category “K3” list to the project
    - As a product owner I would like to add a new category of words for the project
    - Initially assigned to Julian
    - Medium size - 4 points
  + Get previous Tests working on the project
    - As a developer I want to make sure previous tests work with the production build.
    - Initially assigned to Julian
    - Medium Size - 4 points
* Summary - Talked with Eshan about some specifications on the CSV updater to get a bit more clarity on what he wanted. Aside from that the project seemed to be on track.

**Sprint 5**

SP20 Team26 Grooming 3/27/2020 2:00pm 2:30pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Product Backlog:
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points
  + Upgrade administrator Database editing tools
    - As a product owner/administrator I would like to be have more options for uploading to/editing the database
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Upgrade admin DB editing tool interface
    - As a product owner/administrator I would like the DB editing interface to be more usable
    - Initially assigned to Julian
    - Medium size - 4 points
  + Conduct research into EC2 cost cutting measures
    - As a product owner I would like to pay less for the EC2 instance the application is running on
    - Initially assigned to Jorge
    - Medium size - 4 points

**Sprint 6**

SP20 Team26 Grooming 4/9/2020 2:00pm 2:15pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Product Backlog:
  + Merging branches and conflicts
    - As a developer I would like to merge all branches of the project so all features can be integrated
    - Initially assigned to Julian
    - Small size - 2 points
  + Code refactoring image recognition
    - As a developer I would like to refactor the code in the image and text processors to make it more readable
    - Initially assigned to Jorge
    - Small size - 3 points
  + Fix admin search function
    - As a product owner I would like the search function on the admin panel to consistently return words searched for
    - Initially assigned to Julian
    - Medium size - 8 points
  + Fix database category update function
    - As a product owner I would like the replace function to replace the intended category without affecting other categories
    - Initially assigned to Jorge
    - Medium size - 8 points
  + Host a backup of the site
    - As a developer I would like to set up a backup host to be used in the event of an aws outage
    - Initially assigned to Jorge and Julian
    - Large size - 16 points

**Sprint 7**

SP20 Team26 Grooming 4/23/2020 2:00pm 2:15pm

* Jorge Costa, Julian Pineiro
* Backlog:
  + Code clean up on some files changed within the project
    - As a developer I would like the updated changes made to be readable and consistent for the next group
    - Initially assigned to Julian
    - Size - 6 points
  + Poster
    - As a developer I would like to create a poster showcasing the progress made on the application
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Presentation slides
    - As a developer I would like to create presentation slides to showcase the progress made on the application
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Videos
    - As a developer I would like to create videos using the presentation slide which describe the project
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Compiling documentation
    - As a developer I would like to update some aspects of the documentation to really explain and help avoid some of the issues we encountered this semester.
    - Initially assigned to Jorge
    - Medium size - 6 points
  + Complete final document
    - As a developer I would like to create a comprehensive document that describes the project
    - Initially assigned to Jorge
    - Medium size - 6 points

**Sprint Review Meetings**

**Sprint 1**

SP20 Team26 Review 1/28/2020 3pm 3:45pm

* Jorge Costa, Julian Pineiro, Ehsan Seyedjafari
* List of Approved User Stories:
  + User Story - install frontend dependencies and run the front end locally
    - As a developer, I would like to install the frontend’s dependencies, so that the application can run.
    - Initially assigned to Julian and Jorge
    - Medium size - 4 points
  + User Story - investigate frontend structure
    - As a developer, I would like to investigate and understand frontend program structure in order to facilitate the setup of the application and build on top of it in later sprints
    - Initially assigned to Julian and Jorge
    - Small size - 2 points
  + User Story - Install the Dependencies/Research the backend of the application
    - As a developer, I would like to install the backend dependencies and fully understand how the backend works fixing any errors we might encounter.
    - Initially assigned to Julian and Jorge
    - Large size - 8 points
  + User Story - Preliminary hosting research
    - As a developer I would like to perform preliminary research on AWS hosting
    - Initially assigned to Julian and Jorge
    - Small size - 2 points
  + User Story - Create IAM users
    - As a developer I would like to create IAM users on the AWS account to access the AWS service without the root user
    - Initially assigned to Jorge
    - Small size - 1 points
  + User Story - Organize meeting dates.
    - As a developer I would like to organize meeting dates for the rest of the semester.
    - Initially assigned to Julian.
    - Small size - 1 point
* List of Rejected User Stories:
* None

**Sprint 2**

SP20 Team26 Review 2/10/2020 5:00pm 5:20pm

* Jorge Costa, Julian Pineiro, Ehsan Seyedjafari
* List of Approved User Stories:
  + User Story 1 - Run the application with minimal features on AWS
    - As a Product owner I would like to see some version of the application running on AWS.
    - Initially assigned to both Jorge and Julian
    - Large Size - Very important Priority - 8 points
  + User Story 2 - Improve the features that are run locally while making sure integration into AWS works.
    - As a Product owner I would like more features to be functionable when using the application
    - Initially assigned to both Jorge and Julian
    - Large Size - High priority - 8 points
  + User Story 3 - Get encryption working with API secrets locally and AWS
    - As a product owner I would like to keep API keys secret when running the program.
    - Initially assigned to Julian
    - Medium Size - Medium priority - 4 points
  + User Story 4 - Re-evaluate AWS billing
    - As the product owner I would like to stop recurring payments to AWS for services that are not currently necessary
    - Initially assigned to Jorge.
    - Medium Size - Low/Medium Priority - 4 points
  + User Story 5 - CI/CD research
    - As a developer I would like to research CI/CD to facilitate efficient development.
    - Initially assigned to Julian.
    - Small Size - Low Priority - 2 points
  + User Story 7 - Resolve database issues on AWS
    - As a developer I would like to have a functioning database to run the application.
    - Initially assigned to Julian
    - Small Size - Medium priority - 2 points
  + User story 8 - Resolve port/communication errors between instances
    - As a developer I would like to resolve the communication errors between the instance running the application and the database
    - Initially assigned to Jorge
    - Small Size - Medium priority - 4 points
  + User Story 9 - Solve bundling issues with Elastic Beanstalk
    - As a developer I would like to have a functioning database to run the application.
    - Initially assigned to Julian
    - Small Size - Med priority - 1 points

**Sprint 3**

SP20 Team26 Review 3/2/2020 2:00pm 2:30pm

* Jorge Costa, Julian Pineiro, Ehsan Seyedjafari
* List of Approved User Stories:
  + User Story 1 - Conduct research on options for optical character recognition
    - As a developer I would like to research my options for implementing OCR
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + User Story 2 - Conduct research on options for CSV upload to DB
    - As a developer I would like to research my options for database upload via csv file
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + User Story 3 - Implement optical character recognition with minimal inaccuracies
    - As a user I would like to be able to upload an image of text and have the application interpret the image as text
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + User Story 4 - Add header to dictionary page
    - As a product owner I would like the dictionary page to have an additional header
    - Initially assigned to Julian
    - Small size - 2 points
  + User Story 6 - Make adjustments to communications between application and database
    - As a developer I would like to secure communication between the database and the application
    - Initially assigned to Jorge
    - Small size - 2 points
  + User Story 7 - Conduct research into RDS pricing
    - As a product owner I would like to lower the cost of hosting the server on AWS
    - Initially assigned to Jorge
    - Small size - 2 points
  + User story 8 - Create a Github repository for the project and compile changes made
    - As a developer I would like to manage changes to the project and compiling the previous changes made for the project
    - Initially assigned to Julian
    - Small size - 2 points
* List of Rejected User Stories:
  + User Story 5 - Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points
    - Reason for rejection - Rolling it over to the next sprint specified requirements kind of lacking and will be given at a later date.

**Sprint 4**

SP20 Team26 Review 3/17/2020 2:00pm 2:30pm

* Jorge Costa, Julian Pineiro, Ehsan Seyedjafari
* List of Approved User Stories:
  + Implement bulk word upload to the DB by admin via CSV
    - As a product owner I would like to upload words to the database in bulk
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Update K1 and K2 word lists
    - As a product owner I would like to make some changes to the existing K1 and K2 word lists to resolve inconsistencies
    - Initially assigned to Jorge
    - Medium size - 4 points
  + Add another category “K3” list to the project
    - As a product owner I would like to add a new category of words for the project
    - Initially assigned to Julian
    - Medium size - 4 points
  + Get previous Tests working on the project
    - As a developer I want to make sure previous tests work with the production build.
    - Initially assigned to Julian
    - Medium Size - 4 points
  + Establish a global limit for how many documents can be scanned by textract
    - As a product owner I would like to limit the amount of documents that go through textract in order to limit costs
    - Initially assigned to Jorge
    - Medium size - 4 points
* List of Rejected User Stories:
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points

**Sprint 5**

SP20 Team26 Review 4/1/2020 3:00pm 3:30pm

* Jorge Costa, Julian Pineiro, Ehsan Seyedjafari
* List of Approved User Stories:
  + Conduct preliminary research on the best options for hosting a backup server
    - As as a developer I would like to better understand my options for hosting a backup so that I can decide on the best implementation
    - Initially assigned to Julian
    - Medium size - 4 points
  + Back up the database locally
    - As a product owner I would like to backup my database locally in case of a data loss event
    - Initially assigned to Jorge
    - Medium size - 4 points
  + Make adjustments to word category coloring
    - As a product owner I would like to alter the coloring that certain word categories are identified by
    - Initially assigned to Jorge
    - Small size - 2 points
  + Upgrade administrator Database editing tools
    - As a product owner/administrator I would like to be have more options for uploading to/editing the database
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
  + Upgrade admin DB editing tool interface
    - As a product owner/administrator I would like the DB editing interface to be more usable
    - Initially assigned to Julian
    - Medium size - 4 points
  + Conduct research into EC2 cost cutting measures
    - As a product owner I would like to pay less for the EC2 instance the application is running on
    - Initially assigned to Jorge
    - Medium size - 4 points
* List of Rejected User Stories:
  + Host a backup of the site
    - As a developer I would like to set up a backup host to be used in the event of an aws outage
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
    - Reason for rejection - Unsure about the full details and what the product owner specifically wants so we pushed this off to the next sprint.

**Sprint 6**

SP20 Team26 Review 4/15/2020 3:00pm 3:15pm

* Jorge Costa, Julian Pineiro, Ehsan Seyedjafari
* List of Approved User Stories:
  + Merging branches and conflicts
    - As a developer I would like to merge all branches of the project so all features can be integrated
    - Initially assigned to Julian
    - Small size - 2 points
  + Code refactoring image recognition
    - As a developer I would like to refactor the code in the image and text processors to make it more readable
    - Initially assigned to Jorge
    - Small size - 3 points
  + Fix admin search function
    - As a product owner I would like the search function on the admin panel to consistently return words searched for
    - Initially assigned to Julian
    - Medium size - 8 points
  + Fix database category update function
    - As a product owner I would like the replace function to replace the intended category without affecting other categories
    - Initially assigned to Jorge
    - Medium size - 8 points
  + Make changes to dictionary page
    - As a product owner I would like to update the dictionary page in order to make it more readable
    - Initially assigned to Julian
    - Small size - 2 points
  + Assess necessary aesthetic changes to each page on the site
    - As a developer I would like to assess what changes need to be made to the frontend of each page on the site
    - Initially assigned to Jorge and Julian
    - Medium size - 8 points
* List of Rejected User Stories:
  + Host a backup of the site
    - As a developer I would like to set up a backup host to be used in the event of an aws outage
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
      * Reason for rejection - Unable to register site with product owner’s desired host due to coronavirus related complications

**Sprint 7**

SP20 Team26 Review 4/26/2020 3:00pm 3:15pm

* Jorge Costa, Julian Pineiro
* List of Approved User Stories:
  + Fix enhanced text bugs
    - As a developer I would like to fix bugs caused by backend changes made during last sprint’s bug fixes
    - Initially assigned to Jorge and Julian
    - Size - 8 points
  + Code clean up on some files changed within the project
    - As a developer I would like the updated changes made to be readable and consistent for the next group
    - Initially assigned to Julian
    - Size - 6 points
  + Poster
    - As a developer I would like to create a poster showcasing the progress made on the application
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Presentation slides
    - As a developer I would like to create presentation slides to showcase the progress made on the application
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Videos
    - As a developer I would like to create videos using the presentation slide which describe the project
    - Initially assigned to Jorge and Julian
    - Medium size - 4 points
  + Compiling documentation
    - As a developer I would like to update some aspects of the documentation to really explain and help avoid some of the issues we encountered this semester.
    - Initially assigned to Jorge
    - Medium size - 6 points
  + Complete final document
    - As a developer I would like to create a comprehensive document that describes the project
    - Initially assigned to Jorge
    - Medium size - 6 points
* List of Rejected User Stories:
  + Host a backup of the site
    - As a developer I would like to set up a backup host to be used in the event of an aws outage
    - Initially assigned to Jorge and Julian
    - Large size - 16 points
      * Reason for rejection - Unable to register site with product owner’s desired host due to coronavirus related complications

**Sprint Retrospective Meetings**

**Sprint 1**

SP20 Team26 Retrospective 1/28/2020 3:45pm 4:00pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Team Performance:
  + Jorge
    - What went right?
      * Strong communication between teammates, consistently met for daily standup meetings
    - What went wrong?
      * Had trouble maintaining a consistent meeting time for daily standups
      * Faced significant impediments getting the application running locally
  + Julian
    - What went right?
      * Consistent feedback and communication
      * Good meeting attendance
    - What went wrong?
      * Was hard to break down tasks or correctly time how long they would take since we have been trying to resolve errors since the first day. These errors bring out uncertainty in the time table.
      * Inconsistent stand-up meeting times kept getting later throughout the course of the sprint.
* Product Evaluation:
  + Eshan Seyedjafari
    - What was created right?
      * Locally running some version of the app
    - What was created wrong?
      * Still need to have a running product on AWS as soon as possible.

**Sprint 2**

SP20 Team26 Retrospective 2/10/2020 5:20pm 5:35pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Team Performance:
  + Jorge
    - What went right?
      * Strong communication between teammates, consistently met for daily standup meetings
      * Made consistent progress, accomplished the main goal of the sprint
    - What went wrong?
      * Missed a standup
  + Julian
    - What went right?
      * Good teamwork seemed like we both thought of entirely different solutions to some problems which helped us not get stuck when bringing the website up on AWS.
    - What went wrong?
      * Missed 1 standup
* Product Evaluation:
  + Eshan Seyedjafari
    - What was created right?
      * App is running great and is running how it used to run before.
    - What was created wrong?
      * None.

**Sprint 3**

SP20 Team26 Retrospective 3/2/2020 2:30pm 2:45pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Team Performance:
  + Jorge
    - What went right?
      * Main sprint goals were accomplished
      * Communicated often with product owners
    - What went wrong?
  + Julian
    - What went right?
      * Goals of the sprint were completed.
      * Met with both product owners to get a good understanding of the requirements.
    - What went wrong?
      * Was not able to do 1 of the stories, but was more due to a lack of specification and will be rolled over to the next sprint.
* Product Evaluation:
  + Eshan Seyedjafari
    - What was created right?
      * The Image service works well, but a couple things need to be considered since there is pricing overhead included with this solution. These will be addressed in the next sprint.
    - What was created wrong?
      * N/A

**Sprint 4**

SP20 Team26 Retrospective 3/17/2020 2:30pm 2:45pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Team Performance:
  + Jorge
    - What went right?
      * Main sprint goals completed and approved
      * Communicated often with product owners
    - What went wrong?
      * One minor task pushed to next sprint
      * Missed one standup
  + Julian
    - What went right?
      * All goals of the sprint were completed despite some last minute changes to specifications
    - What went wrong?
      * MIssed one standup
* Product Evaluation:
  + Eshan Seyedjafari
    - What was created right?
      * New categories were added
      * Database upload via CSV is now functional
      * Cap on textract uses
    - What was created wrong?
      * N/A

**Sprint 5**

SP20 Team26 Retrospective 4/1/2020 3:30pm 3:45pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Team Performance:
  + Jorge
    - What went right?
      * Made solid progress on database tool despite having to switch gears from backup hosting mid sprint
    - What went wrong?
      * Missed a few days early in the sprint which had to be made up later on.
  + Julian
    - What went right?
      * We made good improvements to the database updater.
    - What went wrong?
      * We took a couple days off at the start of the sprint which changed up some of the timing. Though these days were made up eventually.
* Product Evaluation:
  + Eshan Seyedjafari
    - What was created right?
      * Everything was created fine.
    - What was created wrong?
      * Nothing but some features from this have been delayed to the next sprint.

**Sprint 6**

SP20 Team26 Retrospective 4/15/2020 3:30pm 3:45pm

* Jorge Costa, Julian Pineiro, Eshan Seyedjafari
* Team Performance:
  + Jorge
    - What went right?
      * Good cooperation
      * Divied up tasks well, no overlap
    - What went wrong?
      * Backup site left in the backlog due to hosting complications
  + Julian
    - What went right?
      * Good teamwork
    - What went wrong?
      * The backup site was scrapped for the time being.
* Product Evaluation:
  + Eshan Seyedjafari
    - What was created right?
      * Everything was created fine.
    - What was created wrong?
      * Nothing, however a backup site was not able to be established because of coronavirus complications.

**Sprint 7**

SP20 Team26 Retrospective 4/26/2020 3:30pm 3:45pm

* Jorge Costa, Julian Pineiro
* Team Performance:
  + Jorge
    - What went right?
      * All documentation completed
      * Presentation completed
      * Videos completed
      * Bugs fixed
    - What went wrong?
      * Nothing
  + Julian
    - What went right?
      * Good cooperation on documentation, videos and presentation
    - What went wrong?
      * Nothing
* Product Evaluation:
  + N/A

**Daily Standups (Jorge)**

**SP20 Team26 Standup 1/28/2020 7:30PM - 7:45PM**

**Jorge Costa**

* **Yesterday (worked 3 hours):**
  + Conducted sprint review, retrospective and planning
* **Today (will work 4 hours):**
  + Continue to resolve issues with the backend
  + Integrate given keys and passwords into backed and try to understand the components of the program being used for encryption
* **Hurdles:**
  + Still facing impediments when running the backend, seemingly centered around encryption and keys.

**SP20 Team26 Standup 1/29/2020 8:30PM - 8:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Conducted preliminary research about deploying on AWS
  + Attempted to integrate given keys into application with different configurations
* **Work to be done before next standup (will work 4 hours):**
  + Attempt to better understand the key encryption aspect of the application and why it is not working
  + Asses viability of components already hosted on AWS
* **Hurdles:**
  + Still facing impediments when running the backend, seemingly centered around encryption and keys.

**SP20 Team26 Standup 1/30/2020 8:30PM - 8:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 5 hours):**
  + Conducted research on jasypt + spingboot encryption
  + Resolved encryption errors with application, app now runs locally with all features
* **Work to be done before next standup (will work 4 hours):**
  + Look into hosting the fully functional application on AWS
  + Research AWS RDS setup
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/3/2020 8:30PM - 8:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Conducted research on AWS hosting, mainly RDS
  + Began testing to see if existing AWS environment can be utilized
* **Work to be done before next standup (will work 4 hours):**
  + Continue testing existing environment
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/4/2020 10:15PM – 10:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Conducted research on AWS hosting, including beanstalk and EC2
  + Continued testing to see if existing AWS environment can be utilized
* **Work to be done before next standup (will work 3 hours):**
  + Continue testing existing environment
  + Possibly begin setting up new environment from scratch
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/6/2020 9:15PM – 9:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Worked on setting up AWS environment
  + Conducted testing on various elements of AWS environment
* **Work to be done before next standup (will work 5 hours):**
  + Continue setting up AWS environment
  + Goal is to have some version of the project running on AWS before end of sprint
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/9/2020 9:45PM – 10:00PM**

**Jorge Costa**

* **Work conducted since last standup (worked 6 hours):**
  + Resolved issues with AWS environment
  + Application now hosted and running on AWS
* **Work to be done before next standup (will work 4 hours):**
  + Meet with product owner and update him on status of project (review/planning)
  + Complete scrum documentation
* **Hurdles:**
  + Tesseract still not working

**SP20 Team26 Standup 2/10/2020 6:30PM – 6:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Met with product owner and conducted sprint review and retro
  + Filled out end of sprint documentation
* **Work to be done before next standup (will work 4 hours):**
  + Conduct initial research into potential OCR options
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/11/2020 8:30PM – 8:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Conducted research into OCR options
  + Minor AWS maintenance
* **Work to be done before next standup (will work 4 hours):**
  + Continue testing possible OCR implementations
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/12/2020 10:00PM – 10:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Conduct research into amazon textract and current tesseract implementation
* **Work to be done before next standup (will work 4 hours):**
  + Continue testing possible OCR implementations
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/17/2020 9:15PM – 9:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Researched possible implementation of textract
* **Work to be done before next standup (will work 4 hours):**
  + Diagnose tesseract issues
  + Conduct cost/benefit analysis on new tesseract model implementation vs scrapping and implementing textract
* **Hurdles:**
  + Application not accepting image files to analyze with tesseract

**SP20 Team26 Standup 2/18/2020 10:00PM – 10:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Fixed tesseract bugs
  + OCR working, but current trained model is not ideal
  + Researched possible Textract api implementation
* **Work to be done before next standup (will work 4 hours):**
  + Find better trained data for tesseract
  + Possibly begin switch to textract (if new trained data doesn’t perform adequately)
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/19/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Tried several other trained tesseract models
  + Tested possible postprocessing options for tesseract
* **Work to be done before next standup (will work 4 hours):**
  + Will most likely make the switch to textract
  + Begin textract implementation
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/20/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Began textract implementation
* **Work to be done before next standup (will work 4 hours):**
  + Continue implementing textract
  + Remove unused tesseract components
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/22/2020 10:45PM – 11:00PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Continued implementing Textract
  + Prepared tesseract components to be updated
* **Work to be done before next standup (will work 4 hours):**
  + Continue implementing textract
  + Remove unused tesseract components
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/24/2020 10:30PM – 10:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 6 hours):**
  + Finished implementing textract locally
  + Pushed textract OCR update to production
  + Resolved textract errors in AWS
* **Work to be done before next standup (will work 4 hours):**
  + Meet with P.O. to conduct sprint review
  + Finish end of sprint documentation
* **Hurdles:**
  + None

**SP20 Team26 Standup 2/25/2020 10:00PM – 10:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 5 hours):**
  + Made adjustments to communication between application and server for security (ports)
  + Conducted research into bringing down RDS pricing, will ask POs to consider long term pricing
* **Work to be done before next standup (will work 4 hours):**
  + Begin implementing admin CSV upload to DB
  + Work on minor site changes
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/2/2020 8:00PM – 8:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Met with product owner and conducted end/start of sprint meetings
  + Finished documentation for review, retro and planning
* **Work to be done before next standup (will work 4 hours):**
  + Begin implementing admin CSV upload to DB
  + Work on minor site changes
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/3/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Began implementing global cap on textract uses
  + Other minor textract changes
* **Work to be done before next standup (will work 4 hours):**
  + Finish textact global cap
  + Make changes to textract use to avoid excess charges
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/8/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Textract maintenance
* **Work to be done before next standup (will work 4 hours):**
  + Start working on CSV database upload
  + Diagnose text analysis problems on mobile browser
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/9/2020 9:30PM – 9:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Resolved textract pricing issues
  + Resolved browser text
  + Started working on CSV database upload
* **Work to be done before next standup (will work 4 hours):**
  + Continue working on DB upload
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/10/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Improved error messaging for image processing
  + Other minor site changes
* **Work to be done before next standup (will work 4 hours):**
  + Work on + test DB csv upload
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/12/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Worked on + tested DB csv upload
* **Work to be done before next standup (will work 5 hours):**
  + Explore options for alterations to database
  + Grooming meeting
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/14/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Explored database change options (determined unnecessary)
  + Met with PO
  + Worked on documentation
* **Work to be done before next standup (will work 4 hours):**
  + Complete final csv upload changes
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/15/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Made changes to admin service
  + Made changes to front end admin page
* **Work to be done before next standup (will work 5 hours):**
  + Push all changes to production
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/16/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 5 hours):**
  + Updated/resolved issues with K1 and K2 lists
  + Cleaned up CSV changes and made ready for production
* **Work to be done before next standup (will work 4 hours):**
  + Meet with PO for sprint review/retro
  + Complete documentation
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/17/2020 10:30PM – 10:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 5 hours):**
  + Conducted sprint planning and review meetings
  + Completed documentation
* **Work to be done before next standup (will work 4 hours):**
  + Back up the database locally for use with a separately hosted site backup
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/22/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Backed up the database locally as a mysql dump
* **Work to be done before next standup (will work 4 hours):**
  + Make changes to the interface of the admin panel section of the site
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/23/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Make changes to the interface of the admin panel section of the site
* **Work to be done before next standup (will work 4 hours):**
  + Conduct research for hosting a concurrent backup of the application
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/24/2020 10:30PM – 10:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Conducted research for hosting a concurrent backup of the application
* **Work to be done before next standup (will work 4 hours):**
  + Look further into hosting a backup of the site in a different AWS region or AZ
  + Possibly set up host
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/25/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Conducted research into hosting a backup of the site in a different AWS region or AZ
  + Refined admin component code written last sprint for updating database via csv
* **Work to be done before next standup (will work 4 hours):**
  + Set up meeting with product owner to discuss different hosting options
  + Possibly set up host
* **Hurdles:**
  + Need to discuss/get approval from PO to move forward on hosting

**SP20 Team26 Standup 3/27/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 5 hours):**
  + Conducted grooming meeting with PO
  + Worked on grooming documentation
  + Worked with Julian to create a function to fully replace categories
* **Work to be done before next standup (will work 4 hours):**
  + Work
* **Hurdles:**
  + PO does not yet have secondary host so we are shifting gears to expand the admin database tools

**SP20 Team26 Standup 3/28/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 6 hours):**
  + Completed work on expanded admin database tools
* **Work to be done before next standup (will work 2 hours):**
  + Alter the enhanced text coloring according to the PO’s specifications
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/29/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Changed enhanced text’s coloring according to PO’s specifications
  + Tested admin DB tools
  + Made minor changes to DB tools
* **Work to be done before next standup (will work 3 hours):**
  + Conduct research into EC2 cost cutting
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/30/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Conducted research into EC2 cost cutting
  + Completed a proposal for cutting costs
* **Work to be done before next standup (will work 2 hours):**
  + Present cost cutting proposal to PO
  + Conduct end of spring meetings and complete documentation
* **Hurdles:**
  + None

**SP20 Team26 Standup 3/31/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Presented cost cutting measures to PO
  + Implemented cost cutting changes
* **Work to be done before next standup (will work 3 hours):**
  + Meet with PO to conduct end of sprint meetings
  + Finish end of sprint documentation
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/1/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Conducted end of sprint meetings + sprint planning
  + Wrote documentation for end of sprint meetings and planning
* **Work to be done before next standup (will work 3 hours):**
  + Review application to determine what changes will be made to each page
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/2/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Reviewed pages and determined necessary changes to text analysis and admin pages, as well as some global changes
* **Work to be done before next standup (will work 3 hours):**
  + Propose changes to PO
  + Implement changes
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/3/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Changed layout of admin, definition and essential word pages
* **Work to be done before next standup (will work 3 hours):**
  + Merge VIRS branches and handle merge conflicts
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/6/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Merged branches and resolved merge conflicts
  + Pushed merged version of application to production
* **Work to be done before next standup (will work 4 hours):**
  + Update/get feedback from the PO on site changes
  + Discuss how to proceed with backup hosting
* **Hurdles:**
  + Need information on new host from PO in order to proceed with site backup

**SP20 Team26 Standup 4/7/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Updated PO on site changes
* **Work to be done before next standup (will work 4 hours):**
  + Start updating VIRS documentation to reflect application changes
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/8/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Began updating VIRS documentation
* **Work to be done before next standup (will work 4 hours):**
  + Discuss hosting options with PO
  + Move forward on backup hosting
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/9/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Refactored image/text processor code
* **Work to be done before next standup (will work 4 hours):**
  + Work on category update bug diagnosis/repair
* **Hurdles:**
  + Unable to move forward on backup site hosting due do coronavirus related issues

**SP20 Team26 Standup 4/10/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 5 hours):**
  + Worked on category replace function bug
* **Work to be done before next standup (will work 4 hours):**
  + Complete work on category replace function bug
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/13/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Diagnosed and repaired category replace bugs
* **Work to be done before next standup (will work 4 hours):**
  + Meet with product owner
  + Work on end of sprint documentation
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/14/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Worked on end of sprint documentation
* **Work to be done before next standup:**
  + N/A
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/15/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Conducted planning for sprint 7
* **Work to be done before next standup (will work 4 hours):**
  + Begin structuring final document
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/16/2020 11:45PM – 12:00PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Began work on final project document
  + Wrote introductions and filled user story section
* **Work to be done before next standup (will work 4 hours):**
  + Work on use cases
  + Begin creating diagrams
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/17/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 2 hours):**
  + Worked on use case and class diagrams
  + Worked on use cases
* **Work to be done before next standup (will work 4 hours):**
  + Work on system design and appendix section of document
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/18/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 6 hours):**
  + Completed system design and appendix section of final document
  + Worked on sequence diagrams
* **Work to be done before next standup (will work 4 hours):**
  + Begin work on poster
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/20/2020 11:30PM – 11:45PM**

**Jorge Costa**

* **Work conducted since last standup (worked 3 hours):**
  + Worked on poster
* **Work to be done before next standup (will work 4 hours):**
  + Continue working on poster
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/22/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Nearly completed poster
  + Continued work on final document
* **Work to be done before next standup (will work 4 hours):**
  + Begin powerpoint
  + Begin outlining videos
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/23/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Completed introduction and user story section of document
  + Made framework for powerpoint
  + Conducted grooming
* **Work to be done before next standup (will work 4 hours):**
  + Complete poster
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/24/2020 11:15PM – 11:30PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Completed poster
  + Worked on powerpoint
* **Work to be done before next standup (will work 4 hours):**
  + Work on video scripts
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/25/2020 11:00PM – 11:15PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Worked on video scripts
* **Work to be done before next standup (will work 4 hours):**
  + Complete powerpoint
* **Hurdles:**
  + None

**SP20 Team26 Standup 4/26/2020 11:40PM – 11:55PM**

**Jorge Costa**

* **Work conducted since last standup (worked 4 hours):**
  + Compiled project components
  + Conduct end of sprint documentation
* **Hurdles:**
  + None

**Daily Standups (Julian)**

**SP20 Team26 Standup 1/14/2020 12:00pm 12:15pm**

**Julian Pineiro**

* **Yesterday (worked 3 hours):**
  + Conducting sprint in kickoff meeting with the Product owner.
  + Loaded user stories into Azure DevOps for tracking.
  + Research into the previous project and documentation.
  + Preliminary planning with Jorge.
* **Today (planning for 5 hours):**
  + Working with Jorge to get the previous project running.
  + Some research into a CI/CD implementation.
* **Hurdles:**
  + Still unsure about long term project goals until we get the previous project up and running.

**SP20 Team26 Standup 1/15/2020 2:00pm 2:15pm**

* Julian Pineiro
* **Yesterday (worked 4 hours):**
  + Worked with Jorge to get the project up and running in the cloud, but ran into some issues that will delay this.
  + Installed some dependencies in order to run the project locally.
* **Today (planning for 4 hours):**
  + Re-evaluating the previous assignment to get the project at least running locally trying to fix errors.
* **Hurdles:**
  + Couple errors came up when implementing the SQL database this is now first priority.

**SP20 Team26 Standup 1/16/2020 12:30pm 12:45pm**

* **Julian Pineiro**
* **Yesterday (worked 4 hours):**
  + Tried to get the front-end of the project to work with npm but ran into quite a few issues.
* **Today (planning for 4 hours):**
  + Continue to try and get the front-end dependencies to work with the existing project.
* **Hurdles:**
  + One of the dependencies from the previous project doesn’t seem to work currently in order for us to build the project. This specific version of the dependency is not being hosted github which is limiting our progress.

**SP20 Team26 Standup 1/17/2020 5:00pm 5:15pm**

* Julian Pineiro
* **Yesterday (worked 4 hours):**
  + Worked on getting the application running locally on windows but ran into more dependency issues with the application front-end.
* **Today / over the weekend (planning for 4+ hours):**
  + Get the application running on Linux along with installing all the required dependencies.
* **Hurdles:**
  + Issues getting a working version of the application which is holding us back.

**SP20 Team26 Standup 1/21/2020 7:30pm 7:45pm**

* Julian Pineiro
* **Yesterday over the weekend (worked 7 hours):**
  + Worked on getting the application running locally on windows and linux.
  + Fixed front-end application issues with chrome browser. This Allowed all end-to-end tests to pass for the front-end of the application
  + Made some changes to installation script to make the process more consistent among both environments. (Linux command did not fully test the application allowing builds to pass)
  + Spent a lot of time trying to fix issues with sprint-boot in the back-end of the program but is still causing issues.
* **Tomorrow (planning for 4 hours):**
  + Get the back-end of the application running locally.
  + Schedule a meeting either tomorrow or the day after with the product owner.
* **Hurdles:**
  + Still have issues running the full application though some progress is being made. The program is not yet fully running locally and will likely still take some time to run on AWS. Some inconsistencies in previous documentation did also add a lot of time getting things setup.

SP20 Team26 Standup 1/22/2020 11:15pm 11:30pm

* Julian Pineiro
* Yesterday (worked 4 hours):
  + Attempted to get the backend of the application working with no progress.
* Tomorrow (planning for 4 hours):
  + Get the back-end of the application running locally.
  + Talk with product owner.
* Hurdles:
  + Still have issues running the full application though some progress is being made. The program is not yet fully running locally and will likely still take some time to run on AWS.

**SP20 Team26 Standup 1/23/2020 10:15PM - 10:30PM**

**Julian Pineiro**

* **Yesterday (worked 5 hours):**
  + Tried to solve backend issues and was able to get something running but by stripping out most of the logic of the backend. (So there isn't any meaningful data on it)
* **Today (will work 4 hours):**
  + Meet with Product Owner to discuss the project/groom backlog and the overall direction of the project
  + Keep trying to resolve backend issues of the application.
* **Hurdles:**
  + Still have problems with the backend of the application.

SP20 Team26 Standup 1/24/2020 11:15pm 11:30pm

* Julian Pineiro
* Yesterday (worked 6 hours):
  + Got a few components of the backend working and tried to get the remaining components to work.
  + Was able to get the application running with minimal functionality.
  + Talked to PO to discuss desired course of action.
* Tomorrow over the weekend (planning for 4+ hours):
  + Resolve other portions of the backend that are causing issues.
  + Meet with product owner when possible for sprint review.
* Hurdles:
  + Still have issues running the full application though some progress is being made. The program is not yet fully running locally and will likely still take some time to run on AWS.

SP20 Team26 Standup 1/24/2020 5:30pm 5:45pm

* Julian Pineiro
* Yesterday over the weekend (worked 5 hours):
  + Investigated some more issues
  + Implemented the dictionary controller into the application without encryption as a temporary fix.
* Tomorrow (planning for 4 hours):
  + Meet with Product owners to discuss the new sprint
  + Look into adding the application to AWS and how it can be done.
* Hurdles:
  + Still have some issues that require temporary solutions in order to get a working product. There will need to be more refining later down the line.

**SP20 Team26 Standup 1/28/2020 7:30PM - 7:45PM**

**Julian Pineiro**

* **Yesterday (worked 3 hours):**
  + Had meetings with PO
  + Looked into the application structure on AWS
* **Today (will work 4 hours):**
  + Try to get the product running on AWS
  + Test Encryption methods for the applications and try to get a fix.
* **Hurdles:**
  + Still facing impediments when running the backend mostly due to encryption keys.

SP20 Team26 Standup 1/29/2020 8:30pm 8:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 1 hours):
  + Looked into some reasons why encryption wasn’t working and program structure on AWS.
* Work conducted after Standup (planning for 4 hours):
  + Continue trying to figure out the encryption issue and work with Jorge to help solve this problem and get a better understanding as to why it is occuring.
* Hurdles:
  + Same backend issues but slowly resolving it.

SP20 Team26 Standup 1/30/2020 8:30pm 8:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Looked into solving the encryption problem for the application to finally get all components running. Eventually we made a breakthrough and can fully run the application locally.
* Work conducted after Standup (planning for 4 hours):
  + Working with Jorge to get the application running on AWS.
* Hurdles:
  + None - Current issues seem to be resolved for now

SP20 Team26 Standup 2/4/2020 10:15pm 10:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + I tested the database locally on MySQL.
  + Looked at Elastic Beanstalk logs to debug bad gateway errors in the application.
  + Looked at possible causes which seem to be centered on database connection issues but for now I am uncertain.
* Work conducted after Standup (planning for 4 hours):
  + Try to get the application running on AWS
  + Keep looking into the current EC2 instance for root causes of the bad gateway issue. If needed create a new Elastic Beanstalk application from scratch to rule out external issues.
  + Grooming meeting
* Hurdles:
  + None - Though I am uncertain how long getting the application running will take.

SP20 Team26 Standup 2/6/2020 9:15pm 9:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Worked on getting the program running on AWS but still having some errors and trying to not run up charges too much.
* Work conducted after Standup (planning for 4 hours):
  + Continue to try to get the application running and fix the bad gateway error that is in Elastic Beanstalk.
* Hurdles:
  + None - Though I am uncertain how long getting the application running will take.

SP20 Team26 Standup 2/8/2020 6:30pm 6:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Tried getting the current EC2 instance to work but no success. Still has 100% CPU utilization when running.
* Work conducted after Standup (planning for 6 hours):
  + Spending the last day of the sprint working hard to get the problem resolved.
  + Will build a beanstalk application from scratch to try to resolve all the problems
* Hurdles:
  + None - Still having issues getting the application running on AWS.

SP20 Team26 Standup 2/9/2020 9:45pm 10:00pm

* Julian Pineiro
* Work conducted prior to Standup (worked 7 hours):
  + Changed the key pair for the current EC2 instance to allow me to ssh into the instance.
  + Created a second Elastic beanstalk environment to test our compiled application.
  + Updated some files in the application to be able to compile the production build instead of just a target build.
  + Worked with Jorge to get the application working on AWS and we did get the website up and running. Fixing some errors with open ports.
* Work conducted after Standup (planning for 6 hours):
  + Meeting with the product owner to find out what the product owner wants to add on the application now that the website is running.
* Hurdles:
  + Some issues with certain application features

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SP20 Team26 Standup 2/10/2020 7:00pm 7:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Meet with the Product owner and conducted our meetings.
  + End of Sprint documentation.
* Work conducted after Standup (planning for 4 hours):
  + Research into OCR for the website.
* Hurdles:
  + None

SP20 Team26 Standup 2/11/2020 8:30pm 8:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Tested the current OCR technology being used on the website.
  + Looked into possible ways to improve it or use a different service.
* Work conducted after Standup (planning for 4 hours):
  + More Research into OCR.
* Hurdles:
  + None

SP20 Team26 Standup 2/12/2020 10:00pm 10:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 2 hours):
  + Additional research into OCR text technology looking for alternative services with different options.
  + Looked into the current implementation of the OCR controller on the backend of the application to see how other services could be similar.
* Work conducted after Standup (planning for 4 hours):
  + Update tesseract if possible on the EC2 instance
  + Use another service if OCR is still not functioning correctly.
* Hurdles:
  + None

SP20 Team26 Standup 2/17/2020 9:15pm 9:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Looked into the feasibility of the CSV update.
  + Tried testing the original OCR but ran into some problems when running the program in production.
* Work conducted after Standup (planning for 4 hours):
  + Setup github for the project files to be able to share changes quickly.
  + Any additional time will be spent looking into the OCR issue.
* Hurdles:
  + Tesseract the OCR program not currently working in production.

SP20 Team26 Standup 2/18/2020 10:00pm 10:15m

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Added the project to github and compiled some changes from both my side and Jorge’s side that we initially did to get the project operational.
  + Looked into the current implementation of the CSV database updater.
* Work conducted after Standup (planning for 4 hours):
  + Work into adding functionality into the CSV database updater.
* Hurdles:
  + None.

SP20 Team26 Standup 2/19/2020 11:00pm 11:15m

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Ran into some issues with the database and certain ways of updating it with the CSV. Did some research and will continue to work on this issue.
  + Added more functionality to the github project build to allow the production build to compile just like I had locally and added missing portions that were required to compile the production build.
* Work conducted after Standup (planning for 4 hours):
  + Will continue to work on the CSV update.
* Hurdles:
  + None.

SP20 Team26 Standup 2/20/2020 11:00pm 11:15m

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Work on the CSV update.
  + Meet with the PO talked about what's currently planned for the sprint and what's left.
* Work conducted after Standup (planning for 4 hours):
  + Will continue to work on the CSV update.
* Hurdles:
  + None.

SP20 Team26 Standup 2/22/2020 10:45pm 11:00m

* Julian Pineiro
* Work conducted prior to Standup (worked 2 hours):
  + Continued to work on CSV update and resolved potential database issues.
* Work conducted after Standup (planning for 4+ hours):
  + Will continue to work on the CSV update.
  + Help Jorge with setting up the textract on the production build.
  + Set up meeting with product owner
* Hurdles:
  + None.

SP20 Team26 Standup 2/24/2020 10:30pm 10:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 6 hours):
  + Got us both situated using a github repository.
  + Worked with Jorge to get the production build working on his end.
  + Got textract running on the production build.
* Work conducted after Standup (planning for 4+ hours):
  + Meet with the product owner.
  + More possible improvements to the CSV updater.
* Hurdles:
  + None.

SP20 Team26 Standup 2/25/2020 10:00pm 10:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 5 hours):
  + Update the header for the dictionary.
  + Plan CSV for next sprint.
* Work conducted after Standup (planning for 4 hours):
  + Meet with the product owner.
  + Planning and documentation.
  + TBA after spring break.
* Hurdles:
  + None.

SP20 Team26 Standup 3/2/2020 8:00pm 8:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Planning and documentation
  + Met with Product owner
  + Took a look into updating the test cases of the project.
* Work conducted after Standup (planning for 4 hours):
  + Work with jorge on the CSV update.
  + Try to get the test cases running to work with the project.
* Hurdles:
  + None.

SP20 Team26 Standup 3/3/2020 11:00pm 11:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Tried to get test cases to run on the project but ran into some issues still attempting to resolve them.
* Work conducted after Standup (planning for 4 hours):
  + Will continue to work on getting the test cases running.
* Hurdles:
  + None.

SP20 Team26 Standup 3/8/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 5 hours):
  + Made some updates to the test cases where some are functional but still many cause issues that will have to be resolved.
* Work conducted after Standup (planning for 4 hours):
  + Going to switch priority to the CSV updater and work on it.
* Hurdles:
  + Test cases are not fully functional.

SP20 Team26 Standup 3/9/2020 9:30pm 9:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Did some work on the CSV update to add functionality.
* Work conducted after Standup (planning for 4 hours):
  + Continued to work on the CSV update and look into the database.
* Hurdles:
  + Test cases are still not fully functional.

SP20 Team26 Standup 3/11/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Looked into the database improvements required to meet the specifications of the CSV update.
  + Also looked into the test cases.
* Work conducted after Standup (planning for 4 hours):
  + Continue to work on the database.
* Hurdles:
  + Test cases are still not fully functional.

SP20 Team26 Standup 3/12/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 5 hours):
  + Worked on the database improvements into an issue with the database update will have to update a lot of the pre-existing functions in a lot of the calls to the database due to the new database structure.
* Work conducted after Standup (planning for 4 hours):
  + Meet with PO
  + Continue working on the database calls.
* Hurdles:
  + Test cases not fully functional.

SP20 Team26 Standup 3/14/2020 11:15pm 11:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Worked on database function calls.
  + Talked to the PO to get a bit of clarity on how exactly he wants the CSV to run.
* Work conducted after Standup (planning for 4 hours):
  + Try to get the test cases running.
* Hurdles:
  + Test cases not fully functional.

SP20 Team26 Standup 3/15/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 7 hours):
  + Got project test cases working with the ability to make the production build with test cases passing.
* Work conducted after Standup (planning for 4 hours):
  + Keep working on database calls from the CSV upload.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/16/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 6 hours):
  + Added K3 category to the project.
  + Got the CSV database updater ready for production.
* Work conducted after Standup (planning for 3 hours):
  + Meet with Product Owner
  + End of sprint meetings and documentation.
* Hurdles:
  + N/A

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SP20 Team26 Standup 3/17/2020 10:30pm 10:45pm

SP20 Team26 Standup 3/17/2020 10:30pm 10:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Met with the product owner and set up the plans for the sprint.
* Work conducted after Standup (planning for 4 hours):
  + Look into options for hosting the backup of the site.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/22/2020 11:00pm 11:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Kept researching options for a back-up especially for price optimization.
  + Also looked into options of reducing the price of currently hosted site on AWS.
* Work conducted after Standup (planning for 4 hours):
  + Keep researching back-up.
  + Try to talk with PO to clarify some of the options.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/23/2020 11:00pm 11:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Kept researching options.
  + Talked with the PO about some possible changes to lower the prices on AWS.
* Work conducted after Standup (planning for 4 hours):
  + Look into anything that could break, especially when hosting through another service.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/24/2020 10:30pm 10:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 5 hours):
  + Looked at the local build and rebuilt it from scratch to see if everything would work for a back-up.
* Work conducted after Standup (planning for 4 hours):
  + Improve some CSV updater logic with Jorge. Basically refining the story we completed last sprint.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/25/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Kept working on the CSV updater improvements.
* Work conducted after Standup (planning for 4 hours):
  + Meet with the product owner.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/27/2020 11:00pm 11:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 5 hours):
  + Worked with Jorge to create a function to fully replace words in specific categories in the database.
  + Met with the product owner to discuss the sprint grooming.
* Work conducted after Standup (planning for 4 hours):
  + Keep working on the word replacement function.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/28/2020 11:00pm 11:15pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Continued to work on implementing the replacement function.
* Work conducted after Standup (planning for 4 hours):
  + Look into price saving options.
  + Finish up the replacement function.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/29/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Finished up the database replacement function.
  + Looked into price saving options.
* Work conducted after Standup (planning for 4 hours):
  + Improve the admin console interface.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/30/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Improved the interface of the admin console for better ease of use..
  + Further looked into price saving options.
* Work conducted after Standup (planning for 4 hours):
  + Fix some bugs that came up with the K3 category.
* Hurdles:
  + N/A

SP20 Team26 Standup 3/31/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Made some bug fixes to certain portions of the program that did not include the K3 category.
* Work conducted after Standup (planning for 4 hours):
  + Setup a meeting with the product owner at some point.
  + End of sprint documentation.
* Hurdles:
  + N/A

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SP20 Team26 Standup 4/1/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Met with the product owner for the sprint.
  + Documentation and planning for the sprint.
* Work conducted after Standup (planning for 4 hours):
  + Work on some changes to the dictionary page to make sure it has better readability.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/2/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Worked on dictionary page changes.
* Work conducted after Standup (planning for 4 hours):
  + Continue to work on dictionary changes.
  + Start assessing aesthetic changes for other portions of the site.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/3/2020 11:15pm 11:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Made some slight updates to the school dictionary and the Essential word list.
* Work conducted after Standup (planning for 4 hours):
  + Kept working on updating portions of the site.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/6/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 2 hours):
  + Looked at more portions to update.
* Work conducted after Standup (planning for 4 hours):
  + Update more portions of the fight.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/7/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Updated more portions on the Essential word list.
* Work conducted after Standup (planning for 4 hours):
  + Look more into offsite hosting and message the PO.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/8/2020 11:15pm 11:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Talked with PO about offsite and where we will go.
  + Kept updating the essential word list.
* Work conducted after Standup (planning for 4 hours):
  + Conduct grooming meeting with product owner.
  + Additional tasks and stories that come up.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/9/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Conducted grooming meeting with the product owner.
  + Merged branches and current github conflicts with jorge.
* Work conducted after Standup (planning for 4 hours):
  + Start working on the bug fixes for database updater in the admin panel.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/10/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Working on fixing the search function for the admin panel.
* Work conducted after Standup (planning for 4 hours):
  + Continue to work on search function for the admin panel.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/13/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 7 hours):
  + Kept working on search bug.
* Work conducted after Standup (planning for 4 hours):
  + Finish up the search bug and any other bugs present.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/14/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Finished the search bug.
* Work conducted after Standup (planning for N/A hours):
  + Setup a meeting with the product owner.
  + End of sprint documentation.
* Hurdles:
  + N/A

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SP20 Team26 Standup 4/15/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Planned for sprint 7
  + Read through all the requirements for the sprint.
* Work conducted after Standup (planning for 4hours):
  + Start working on the final Document.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/16/2020 11:45pm 12:00am

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Worked on the final document adding some initial work.
* Work conducted after Standup (planning for 4 hours):
  + Keep working on the final document.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/17/2020 11:15pm 11:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Worked on the final document.
  + Worked on Use case diagrams
* Work conducted after Standup (planning for 4hours):
  + Work on class and sequence diagrams
* Hurdles:
  + N/A

SP20 Team26 Standup 4/18/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 6 hours):
  + Worked on class and sequence diagrams.
  + More additions to the final documentation.
* Work conducted after Standup (planning for 4hours):
  + Work on the powerpoint.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/20/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Worked on the powerpoint.
* Work conducted after Standup (planning for 4 hours):
  + Keep working on powerpoint
* Hurdles:
  + N/A

SP20 Team26 Standup 4/22/2020 11:15pm 11:30pm

* Julian Pineiro
* Work conducted prior to Standup (worked 4 hours):
  + Fix a bug with K3 category.
  + Worked on powerpoint.
* Work conducted after Standup (planning for 4 hours):
  + Work on the poster.
  + Meet with PO.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/23/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Worked and completed the poster for the project.
  + Grooming meeting
* Work conducted after Standup (planning for 4hours):
  + Work on some videos.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/24/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 5 hours):
  + Worked on the Shortcoming video and the User guide video.
* Work conducted after Standup (planning for 5+ hours):
  + Work on the Installation/Maintenance video.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/25/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 7 hours):
  + Worked with Jorge on the script of the Installation video
  + Completed the Installation/Maintenance video.
  + Fixed any documentation issues that were currently still with the project.
* Work conducted after Standup (planning for 4 hours):
  + Setup a meeting with the product owner.
  + End of sprint documentation.
  + Final check for some documents inside the final deliverable.
* Hurdles:
  + N/A

SP20 Team26 Standup 4/26/2020 11:30pm 11:45pm

* Julian Pineiro
* Work conducted prior to Standup (worked 3 hours):
  + Finishing up the final deliverable
* Work conducted after Standup (planning for N/A hours):
  + N/A
* Hurdles:
  + N/A