Four-Up

Seneca Park Zoo Tigers

Note: Four-ups represent project status at the start of every sprint (weekly sprints). For example, the Four-Up called "Sprint 1" shows project status at the start of Sprint 1 (Tuesday, September 10th, 2019).

Table of Contents

Week 2

Thursday, September 5, 2019

Progress

        Kickoff Meeting 9/3/19

        Read documentation

        Verified credentials to tools

        Got access to all resources

        Clarified requirements, got context and insight from Tom

Next Steps

        Get what the previous group had up and running

        Check out Jira

        Decide on a methodology

        Gather questions from code, documents, etc and figure out what else we need to know

        Determine metrics

        Learn Salesforce tools

        Create website for the project on SE servers

        Install required software

        Create a VM (possibly through SE department)

        Schedule Seneca Park Zoo visit

        Add bots to slack (Github PR, Jenkins builds, etc.)

Risks

        May be slow getting up to speed and setting up what the last team did

        Still getting adjusted to classes - we may not have our mental schedule down

        Kurt is out of town until next Monday (9/8)

        Unknown velocity

        Learning Salesforce tools

Needs

        SE Team account (Nikolas created a ticket)

Week 3

Tuesday, September 10, 2019

Progress

Setup team account "senecaparkzootigers"

Created team website on nitron www.se.rit.edu/~senecaparkzootigers/

      Merged website code to gh-pages branch

MIT License - PR merged from previous team

Setup team VM with ubuntu 16.04

Started deployment of previous app

Jenkins installed on ubuntu VM

Deployment to Heroku

Deployment to Salesforce

Timesheet Macros have been Updated and seem to be working

Add time/effort tracking to Team site, all individual and team files [Anthony]

Give project synopsis to Tom and Scott to review

Create a list of keywords and search phrases for the survey due Monday [Everyone]

Complete team survey with relevant information, project synopsis, etc.

Next Steps

Setup Jenkins pipeline on the ubuntu VM [Jared]

~~Confirm deployment succeeded (Salesforce)~~

Confirm access and find sample datasets in Salesforce or Github?

Learn more about Salesforce UI and LWC

~~Create project synopsis (<250 words)~~ [add to Team site after finishing]

~~Update Team Timesheet [Nik]~~

Risks

May be slow getting up to speed and setting up what the last team did

Unknown velocity

Learning Salesforce tools

Salesforce OS Compatibility

Set up a OnePass - Slack may delete our credentials

~~Unable to access VM via SSH - trying to diagnose why~~

Needs

Week 4

Tuesday, September 17, 2019

Progress
- Domain Model
- Project Plan
    - Overview
    - Risk Assessment
    - Completed methodology document
    - Deliverables
    - Scheduling and Estimates
    - Metrics and Measurements
- Visit the Zoo with Tom
- Start Sprint Planning and Estimation

Next Steps
- Host site on SE Machine instead of Redirecting to github pages [Anthony]
- Project Plan
    - Goals and Scope
- Read the other team's Code

Risks
- May be slow getting up to speed and setting up what the last team did
- Unknown velocity
- Learning Salesforce tools
- Salesforce OS Compatibility
- Set up a OnePass - Slack may delete our credentials

Needs
- From Tom - Need datasets for CSV parsing

Sprint 1

Tuesday, September 24, 2019

Progress

        Embed the ~~project plan~~ deliverables on the SE site as a Google Doc or PDF [Anthony]

        Divided the stories up

        Completed Trailhead LWC tutorials

        Jenkins Pipeline setup [Anthony/Jared]

        Email Tom about record ID/asset ID/uuid stuff [Nik]

        Put Burndown Charts on SE Site [Nik & Anthony]

Next Steps

        Import CSV task [Jared]

        Export CSV task [Anthony]

        Access Code Generation task [Nik & Ed]

        Fix Jenkins pipeline (tests) [Jared]

        ~~[Postponed] Contact Brian to talk about Salesforce Trailhead setup [Ed]~~

        For week 7 and 8 we need to schedule an Interim presentation and do mid-term peer evals. [Everyone]

        Ask Tom if he is attending the Interim presentation [Everyone]

        Consolidate Developer Documentation [Nik]

        Research Adjective-Adjective Conservation-Noun for random id.

Risks

        Difficulty learning SalesForce tools

        Unknown if Jenkins is capable of deploying to Salesforce

        External stressors and obligations

        May be slow getting up to speed and setting up what the last team did

        Slack may delete our credentials

Needs

Sprint 2

Tuesday, October 8, 2019

Progress

       Completed mid-term peer evals. [Everyone]

       Jenkins Pipeline resolution [Jared]

       Update Asset + Access Code Workflow diagram

Next Steps

       Import CSV task [Ed]

       Export CSV task [Anthony]

       Projects in open source database [Nik]

       Access Code Generation task [Nik & Ed]

            Blocked on Salesforce

       Schedule an Interim presentation [Everyone]

            Blocked on Malachowsky

       Ask Tom if he is attending the Interim presentation [Everyone]

            Done - need to confirm date

       Consolidate Developer Documentation [Nik]

       Contact Brian to talk about Salesforce [Ed]

            Done - Contact Tom on Slack

       Ask Brian to join next week's meeting [Ed]

            Blocked - Waiting to hear back from Brian

Risks

       Inaccurate estimation

       Difficulty learning SalesForce tools

       External stressors and obligations

       May be slow getting up to speed and setting up what the last team did

       Low velocity

Needs

       Response from Brian

       Email from Malachowsky about interim presentations

       Call-in information for Brian

Sprint 3

Tuesday, October 22, 2019

Progress
       Code complete with Projects API [Nik]
       Schedule an Interim presentation [Everyone]
       Tom and some others are attending the Interim presentation [Everyone]
       Research PostGIS scalability [Jared]

Next Steps
       Import CSV task [Ed]
              -Able to query Heroku
              -Front-end is partially done
              -Finalizing and testing
       Export CSV task [Anthony]
              -Front-end is done for LWC
              -Working on queries with Heroku
       Consolidate Developer Documentation [Nik]
              -Half done
       Completing LWC for Projects API [Nik]
              -Need to deploy to Salesforce and test
       Salesforce deployment from Jenkins [Jared]
       Create 30-45 sec. Video by 12/1/19 [Everyone]
       Prepare for final presentation due 12/3/19 [Everyone]
       Access Code Generation task [Nik & Ed]
              Blocked on Salesforce
       Contact Brian to talk about Salesforce [Ed]
              Done - Contact Tom on Slack
       Ask Brian to join next week's meeting [Ed]
              Blocked - Waiting to hear back from Brian

Risks
       Inaccurate estimation
       External stressors and obligations
       Difficulty learning Salesforce tools
       Having to Scale the Open Source Database
       Low velocity

Needs
       Assistance from Brian Goldberg

Sprint 4

Tuesday, November 5, 2019

Progress
> Fixed CORS Header Issue [Nik]
> Resolved dependencies [Anthony]
> Finalized PR testing in Jenkins [Jared]
> Finished Projects LWC [Nik]

Next Steps
> Import CSV task [Ed]
>> -Able to query Heroku
>> -Front-end is partially done
>> -Finalizing and testing
> Export CSV task [Anthony]
>> -Front-end is done for LWC
>> -Working on queries with Heroku
> Consolidate Developer Documentation [Nik]
>> -Half done
> Salesforce deployment from Jenkins [Jared]
> Create 30-45 sec. Video by 12/1/19 [Everyone]
> Prepare for final presentation due 12/3/19 [Everyone]
> Access Code Generation task [Nik & Ed]
>> Blocked on Salesforce
> Contact Brian to talk about Salesforce [Ed]
>> Done - Contact Tom on Slack
> Ask Brian to join next week's meeting [Ed]
>> Blocked - Waiting to hear back from Brian

Risks
> Inaccurate estimation
> External stressors and obligations
> Difficulty learning Salesforce tools
> Having to Scale the Open Source Database
> Low velocity

Needs
> Assistance from Brian Goldberg

Sprint 5

Tuesday, November 19, 2019

Progress
>Dependencies Security Alert Addressed
>Create 30-45 sec. Video by 12/1/19 [Everyone]
>Prepare for final presentation due 12/3/19 [Everyone]
>Submit 30-45 sec. Video by 12/1/19 [Anthony]

Next Steps
>Import CSV task [Ed]
>>-Able to query Heroku
>>-Front-end is partially done
>>-Finalizing and testing
>Export CSV task [Anthony]
>>-Front-end is done for LWC
>>-Working on queries with Heroku (½ done)
>Geospatial queries [Nik]
>Consolidate Developer Documentation [Nik]
>>-Half done
>Access Code Generation task [Nik & Ed]
>Blocked on Salesforce

Risks
>Heroku data loss
>Scope creep
>Inaccurate estimation
>External stressors and obligations
>Difficulty learning Salesforce tools

Needs
>Hear back from Brian Goldberg

Sprint 6

Tuesday, January 21, 2020

Progress
       Geospatial queries [Nik]
            -Code complete
       Brian will be available starting next week (February 3rd)
       Licensing for Salesforce will begin Feb. 15th

Next Steps
       Import CSV task [Ed]
            -Able to add CSV data to DB
            -Front-end is done
            -Testing still needs to be done
            -Need to clean error messages up
       Export CSV task [Anthony]
            -Front-end is done for LWC
            -Needs to be tested
            -Heroku queries are done
            -Properties query is done, but needs to be synchronized
       Geospatial queries [Nik]
            -Needs to be reviewed
            -API information and JSON payload needs to be moved from notes to Drive
       Geospatial map front-end [Jared]
            -Plotting points
            -Displaying information
            -Determining scaling abilities (zoom)
            -Testing
       Consolidate Developer Documentation [Nik]
            -Moved to drive, just needs to be reformatted from markdown to Word doc style
       ~~Access Code Generation task [Nik & Ed]~~

Risks
       Heroku data loss
       Scope creep
       Inaccurate estimation
       External stressors and obligations
       Difficulty learning Salesforce tools

Needs

    Hear back from Brian Goldberg

        Available in mornings (Pacific Time)

Deadlines

Week 1 13 Jan	- State-of-the-project discussion with sponsor and coach - <u>Deliverables</u> - Project plan updated for second term
Week 2 20 Jan	Martin Luther King Day (no classes on Monday)
Week 3 27 Jan	
Week 4 3 Feb	
Week 5 10 Feb	
Week 6 17 Feb	
Week 7 24 Feb	- Coordinate with sponsor for attendance at final presentation - <u>Deliverables</u> - Mid-term peer evaluation

Week 8 2 Mar	- Attend *How to Make a Poster* session (Tuesday, 5 March) - Mid-term project review with sponsor and coach - <u>Deliverables</u> - Final presentation scheduled
9 Mar	Spring break
Week 9 16 Mar	Motivated by the mid-term project review and peer evaluations, discuss with faculty coach adjustments individual team members and the team will make
Week 10 23 Mar	
Week 11 30 Mar	- <u>Deliverables</u> - Project poster concept
Week 12 6 Apr	- <u>Deliverables</u> - Preliminary project poster - Draft final presentation
Week 13 13 Apr	- Give final presentation this week, or next week - Attend required presentations - <u>Deliverables</u> - Project poster delivered to Senior Project Coordinator
Week 14 20 Apr	- Give final presentation this week, if not given last week - Discuss sponsor's possible attendance at final reflection meeting - Attend required presentations - Poster presentation during Software Engineering Project Day - <u>Deliverables</u> - Technical report outline

Week 15 27 Apr through Finals	- Attend final reflection meeting - Deliverables - Presentation evaluations for presentations attended - Draft technical report - Individual peer evaluations - Final project artifacts - Final technical report - Team final self-assessment - Summary of Project Reflection meeting - Project website and repository **on an se.rit.edu machine** up-to-date with all project artifacts, tracking reports, etc. - Course evaluations - Summary of final reflection meeting - Senior survey