

9/29/2022

### Sprint 1:

1. Authentication Setup - AWS Cognito
  - a. Aws console setup wizard
  - b. Setup User groups
  - c. Login/Signup page design/URL configuration
  - d.
2. Deploy infrastructure for backend
  - a. Setup database - DocumentDB (Mongodb)
  - b. Setup Lambda functions
  - c. Setup API Gateway and Connect Lambda
  - d. CI/CD setup - Automatic deployment
3. Deploy infrastructure for frontend
  - a. Setup S3
  - b. Setup Cloudfront/CDN
  - c. CI/CD setup - Automatic deployment

### Tests for Sprint 1

- User can view dashboard on Test server (done)
- Data cleaning and pushing the data to the DB. (done)
- User can log in & sign up (done)
- Admin can create, modify, and delete Users. (partial, WIP)
- Postgres backend database connection, code changes. (done)
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Tests successful - deploy to staging server, where team members will test & give feedback.

Sprint 2 (Start: 10/10 - End: 11/04):

1. Backend:

- a. Populate existing users data
- b. Setup tables for event
- c. Lambda functions for CRUD operations
  - i. Events
  - ii. Users
- d. Link API gateway
  - i. Endpoints created - list, create, patch, delete

2. Events Form & List

- a. Event details page
- b. Event list (replace dummy data)
- c. Event form (Create/update)
- d. Form Validation

3. Users Form & List

4.

Tests for sprint 2:

- User can view the events list. (done)
- User can create, and delete event. (done)
- User can directly view the event by clicking on the event label in dashboard calendar. (done)
- Assign manager/supervisor to event
- User can modify event.
- Add encryption in password field.
- User can add EventWorker
- Existing employee can login
- Add more details for employee (funding card id, etc...)
- Edit User roles
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Sprint 3 (Start: 11/07, End: 12/05):

1. User access roles setup
  - a. Restrict and hide certain fields and features based on role
  - b. Supervisor/Manager will only have access for event duration.
  - c.
2. Reports
  - a. Timesheet report
  - b. Employee payment report
  - c. Invoicing report
3. Export event data in Excel/PDF
- 4.
5. PDF, Excel,

Tests for sprint 3:

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Technology Research (Language, platform, deployment, setup):

1. <https://productivityspot.com/using-google-sheets-as-a-database/>
2. <https://www.ecanarys.com/Blogs/ArticleID/135/How-to-Host-your-Webpages-on-Google-Drive>
3. <https://blog.coupler.io/how-to-use-google-sheets-as-database/>
4. <https://aws.amazon.com/free/>
5. <https://getbootstrap.com/>
6. <https://get.foundation/>
7. <https://mdbootstrap.com/>
8. <https://www.djangoproject.com/>
- 9.

#### Task List:

1. Setup frontend - hello world app
  - a. Select theme
2. Setup backend - hello world app
  - a. Setup ports and configuration
3. Connect frontend and backend
  - a. Server URL, ajax setup configuration
  - b. Setup basic requests
- 4.

- 1) Set up amazon account.... (AWS)
- 2) Set up github account
- 3) Need Existing users data

#### Employee Information:

1. Status
2. Date Submitted
3. Name
4. Address
5. Phone

6. Email
7. Date Of Birth
8. SSN
9. Gender
10. Position of Interest
11. Are you authorised to work in the USA?
12. Have you ever been convicted of a felony
13. Name and Number of Next of Ki
14. Today's date

Milestones, Deliverables and Deadlines

1. Project Scope Meeting: Meeting between students and client to confirm: project scope, communication styles, and important dates.

Deliverable: None

Due Date: 09/20

2. Sprint 1

Start Date: 09/22

End Date: 10/10

Deliverable: Deliverables relating to sprint goals.

3. Sprint 2

Start Date: 10/10

End Date: 11/04

Deliverable: Deliverables relating to sprint goals.

4. Sprint 3

Start Date: 11/07

End Date: 12/05

Deliverable: Deliverables relating to sprint goals.

5. Project Presentation

Due Dates: 11/29

6. Project Documentation: Copies of software documentation due to the organization and instructor by this date.

Deliverable: Complete software documentation.

Due Date: TBD

7. Close-off Meeting: Meeting between students and client to establish a formal project closure

of the project and that the project is officially over. Students will also get the final acceptance

from the client. Deliverable:

Due Date: TBD