Overall, I think I have performed exceptionally well. I have contributed significantly to the projects I have been involved in. I have implemented several improvements to increase efficiency, accuracy, usability, and security of the applications. I have taken ownership of my tasks and completed them with great proficiency, as well as helping my team members with their tasks.

**Tasks**

**Revamp GCP project creator App**

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| --- | --- |
| **Task** | **Impact** |
| Created scheduled cloud function which uses python script to fetch data from recharger API, parse it in required format and write to firestore database | Improved the efficiency and accuracy of the data collection process. The automated process ensures that the data is always up-to-date. This data is further used in our new project creator from creating drop downs. |
| Added versioning capabilities to docker containers and terraform templates. Allowing us to use different versions for prod and dev versions of the APP. | Able to ensure that the development and production versions of the application could each use their own, separate version of the Terraform module. This made it much easier to manage changes and troubleshoot issues, because any changes made to the module would only impact one version of the application at a time. We could test our changes without impacting the prod version. |
| Adding drop downs for Recharger ID, service teams and data classification | Improved usability, reduced errors, and provided a more efficient and accessible user experience. |
| Using separate service accounts for specific environments and projects instead of using single service account for all resource creation. | This allows us to follow the principle of least privilege and this was one of our Security recommendations from google. |
| Cloud function to sync firestore collections from prod firestore to dev firestore | Enables us to replicate real-world scenarios, identify performance issues, and fine-tune your application's performance before deploying to production. |

**Governance Control and SCC findings.**

|  |  |
| --- | --- |
| **Task** | **impact** |
| Working on Governance control improvements provided by google. Updating terraform modules, updating documents, etc. | This will ensure we are following security best practices. |
| Resolving SCC findings raised in existing projects | This will ensure we are implementing the solutions to all existing projects |
| Previously module has blocks of resources to create metrics and alerts, Revamped monitoring module to make it more modular and reusable. | Adding a new metric and alert is as simple as appending your requirements to a variable. Increased Readability and Efficiency. |