**Monthly Cost Analysis**

Complete a month cost analysis of each Azure resource to give an estimate total cost using the table below:

| Azure Resource | Service Tier | Monthly Cost |
| --- | --- | --- |
| Azure PostgreSQL | Basic | $43.55 |
| Azure Service Bus | Basic | $0.01 |
| Azure App Service | Premium (P1) | $5,060 |
| Azure Storage | Basic | $0.10 |

The app service includes the web app and the function app. As there is a known error when creating the function app via the Azure CLI (<https://docs.microsoft.com/en-us/answers/questions/148581/i-get-error-when-trying-to-create-azure-function-f.html>) and this is „only“ an exercise I did not change the plan but in real life I would need to change the tariff to B1/ F1.

**Analysis of architecture**

The azure web app is already built and I only needed to adapt the environment variables within the config.py file. Besides, the notification flow needed to be refactored. The bus service needed to be changed in order to improve the maintainability of the app and improve the flow. (As mentioned I created the app via the Azure CLI and because of a known bug the incorrect licence is chosen.)

The PostgreSQL data base was already been chosen in advance. The data base is by far the most expensive factor (in normal life).

Other than changing up the database, everything else is available at a reasonable cost.