**IBM Cloud Hosting**

* Allows us to build a serverless web application
  + IBM Cloud allows us to create a database, API, and upload our front-end templates, and have these all hosted on the IBM Cloud
    - Application can use IBM Cloudant database, which stores information as a JSON object, and can be queried
  + <https://cloud.ibm.com/docs/solution-tutorials?topic=solution-tutorials-serverless-api-webapp>
* Supports multiple languages
  + JavaScript (Node.js)
    - We all have experience using JavaScript however few of us have used Node.js.
  + Python 3.7
    - We are most familiar with Python however on IBM Cloud this is quite difficult to integrate, and there is not a lot of support or guidance online.
* Free service

<https://cloud.ibm.com/docs/solution-tutorials?topic=solution-tutorials-tutorials>

**Amazon AWS**

<https://gsep-groupn.slack.com/archives/C01M10QMHDJ/p1612960129000200>

* Allows us to deploy our web application  
  <https://gsep-groupn.slack.com/archives/C01M10QMHDJ/p1612623234000500>
* Supports Python backend
  + Python web applications can be deployed on Elastic Beanstalk
    - Plenty of guides and support
      * <https://docs.aws.amazon.com/elasticbeanstalk/latest/dg/create-deploy-python-flask.html>
      * <https://gsep-groupn.slack.com/archives/C01M10QMHDJ/p1612623068000200>
    - Uses Flask module which we are all familiar with
      * Django also supported however few of us are familiar with it
* This service is paid however it has free tiers as well as trials.
* Supports relational databases
  + Amazon RDS is a relational database in the cloud
    - Supports MySQL which we are all familiar with
    - Limited database size however big enough for our uses
    - <https://aws.amazon.com/rds/free/#:~:text=As%20part%20of%20the%20AWS,on%20experience%20with%20Amazon%20RDS>

After careful consideration we have decided to use Amazon AWS since it seems a lot easier to operate than IBM Cloud and supports technologies and languages that we are all familiar with as a group. There is also a lot of support and guidance for deploying our application using Amazon AWS, therefore we should have no issues learning how to use the service within the time frame.