

# Lab 5: Deploy REST API to Cloud

In the last lab, you implemented a REST API for Ashesi's electronic voting system. You used a text file to store information and you run the API locally on your machine. For this lab, you are to:

1. Replace your text file with Firestore as your storage.
2. Deploy your API as an HTTP based Google Cloud Function.

## Deliverables

1. Provide a PDF containing:
  - a. Link to your web API running as a Cloud Function.
  - b. Screenshots from Postman showing request and responses from your deployed API on Google Cloud.
  - c. A screenshot from Firestore on Firebase showing some documents in your database.
  - d. Link to a publicly accessible version control containing your code (Use Ashesi's organizational GitHub).

## Grading

- **Firestore (20%):** Are you successfully using Firestore as storage?
- **Deployment (20%):** Have you successfully deployed your API to Google Cloud?
- **Implementation (40%):** Has code been successfully implemented to handle the requests? Note that comprehensiveness and accuracy will impact the implementation score.
- **Testing (20%):** Has code been successfully tested from Postman?