**SRS document for NPC Database**

This is the software requirements specification document for the NPC database on my portfolio website.

1. Introduction
   1. Purpose: to showcase my ability to build a Database and link it to a front end
   2. The Intended Audience for this database is potential employers.
   3. This is intended to be a project on my website that showcases my ability to code.
   4. The scope of this project will include the following development skills:
      1. Front-end development skills
         1. HTML forms and inline scripting
         2. Linked CSS and styling with animations
         3. Basic JavaScript driven communication with backend
      2. Back-end development skills
         1. AWS Console side architecture (Building AWS DynamoDB)
         2. Basic API calls with API Gateway
         3. Function formation with AWS Lambda
2. Overall description:
   1. User needs include:
      1. The ability to see each skill showcased.
      2. The ability to have all CRUD operations performed on the Database
      3. The ability to view source code and see the building process.
   2. Assumptions and dependencies
      1. This is intended to be built on my portfolio website.
      2. This is intended to use the Amazon Web Services including DynamoDB, API Gateway and Lambda.
3. Requirements:
   1. Functional requirements:
      1. The page shall include a button for each of the CRUD operations.
      2. The page shall include a place to have NPC information to be displayed.
      3. The page shall include commented code for all services or protocols that would normally be implemented but cannot be due to pricing restrictions.
   2. Interface requirements
      1. Site shall have responsive deign and be usable on all standard devices (anything with at least a 320 pixel display width)
   3. Nonfunctional requirements
      1. The Server and page shall interact securely with an API key.