**Project Summary**

In this project, you will take a newly developed full stack application and deploy it to a cloud service provider so that it is available to customers. This application contains the main components of a 3-tier full stack application (UI, API, and Database).

Chart, funnel chart

Description automatically generated

## Project Environment

In your Local Machine Instructions ensure you have the following installed:

Node v14.15.1 (LTS), or more recent. While older versions can work, it is advisable to keep Node to the latest LTS version [Node.js Installer](https://nodejs.org/en/download/)

npm 6.14.8 (LTS), or more recent. Yarn can work but was not tested for this project

AWS CLI v2 [Installing / Updating the latest](https://docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html), v1 can work but was not tested for this project

## Installation

Provision the necessary AWS services needed for running the application:

1. In AWS, provision a publicly available RDS database running Postgres.
2. In AWS, provision a s3 bucket for hosting the uploaded files.
3. Export the ENV variables needed or use a package like [dotnev](https://www.npmjs.com/package/dotenv)/.
4. From the root of the repo, navigate udagram-api folder cd starter/udagram-api to install the node\_modules npm install. After installation is done start the api in dev mode with npm run dev.
5. Without closing the terminal in step 1, navigate to the udagram-frontend cd starter/udagram-frontend to intall the node\_modules npm install. After installation is done start the api in dev mode with npm run start.