Install Instructions:

Node:

1. Download the 3 files named Harvard.wav, Index.ejs, and server.js to a folder on your computer.
2. Within the folder, create a new folder called “views” and move Index.ejs into that folder
3. Open your original folder, which contains all files, in Visual Studio Code or whatever node application you would like.
4. Install all necessary packages:
   1. Node.js from <https://nodejs.org/>. Make sure you also install npm (that should happen by default)
   2. Express
      1. Once you have installed node.js, go to the terminal within visual studio code and type: npm install express. This will install the express package for you.
   3. EJS
      1. npm install ejs
   4. FileUpload
      1. npm install express-fileupload
   5. axios
      1. npm install axios
   6. Body Parser
      1. npm install body-parser
   7. Redirects
      1. npm install follow-redirects
5. Double check you have a package.json file. If you don’t run
   1. npm init -y

Azure:

1. Go to Microsoft Azure
2. Create an Azure account.
3. In the azure portal (<https://portal.azure.com/#home>), go to the search resources bar (shown below), and type “Speech Services”
   1. 
   2. 
4. If you haven’t already made one, make a new speech service
   1. A screenshot of a computer

      Description automatically generated



1. Go to the project details, and fill them in as you need
   1. A screenshot of a computer

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   2. The name, pricing, and resource group is up to you, but please choose your own region rather than global. This will be important later!
2. Once you have created your application, go to its keys and endpoint
   1. A close-up of a sign

      Description automatically generated

Finalizing everything:

1. Once you have seen your keys and endpoint, go back to your server.js and edit the following 3 variables
   1. const apiKey = 'insert';
   2. const region = 'westus';
   3. const hostname = '127.0.0.1';
2. your apiKey is just one of the 2 keys that Azure gives you in your “keys and endpoints”
3. your region is the one you selected in project details
4. your hostname should be of your choosing.
5. Update your authorization:
   1. In line 57 of the code, I use my own bearer token 
   2. You need to use your bearer token in order for this to work. If you don’t know how, use the following website.
      1. <https://stackoverflow.com/questions/54436442/azure-get-authorization-bearer-token-api>
6. Type “node server.js” in your console and run the website!