User Stories – Work breakdown

1. Skeleton service Creation

* Create next create a skeleton service
* Deploy the service in Azure using CI CD pipeline
* Create a health check and point
* Test the service from the URL

1. Research the third-party pronunciation service

* Research the available pronunciation services
* Document the service endpoint and request/response

1. Research/explore the Yugabyte database

* Explore the Yugabyte database
* Install client and establish connectivity Yugabyte database cluster

- Create database connectivity framework

- Create database table for the service

1. Build API for standard name pronunciation

* For users name return the standard name pronunciation for the API

1. Build UI page to display the username and play the sound clip

* Building a UI page to display the user’s name
* Display icon to play the users clip for user’s name as per preference

1. Build UI feature to select neural option

* Build feature for user to select country specific neural option for standard pronunciation

1. Build capability to record custom name pronunciation

* Build UI capability to allow custom recording

1. Build capability to save customer according

* Build API to save the custom recording in database
* Save user preference to use custom recording instead of standard name pronunciation

1. Build capability to play name pronunciation

* Build API to return users name sound clip
* If user has a custom recording for name play the custom name clip
* If no custom recording is present, then play the standard name pronunciation

1. Given an existing test user log into the system play either custom or standard pronunciation

* When test user Jamie logs into the system play custom pronunciation
* When test user Cersie logs into the system play standard pronunciation