

Name Pronunciation Tool by Team Orion - Playbook

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INTRODUCTION

Name-Pro is an enterprise scalable solution that provides a simple user experience for all employees to play pronunciation of their co-workers

APIs

The core of our solution is a set of **APIs deployed in Azure cloud as App Service** and provide capabilities for (a) Playing standard pronunciation of names based on employee's locale (2) Capability to record a custom preferred pronunciation and (c) Generate phonetics of employee names from the audio files

API Swagger Doc:

URL: <https://nameprobyorion-service.azurewebsites.net/swagger-ui/#/>

GitHub URL: <https://github.com/wellsteamorion?tab=repositories>

WEB APPLICATION

Team Orion also developed a web user interface which represents employee experience in internal portals such as Workday. This web application integrates our Name-Pro APIs and lets users to search other employees, play standard pronunciation, record custom pronunciation and a workflow for administrators to approve/deny custom voice recordings.

Web App - Compatibility


'Name Pro' UI supports the below browsers:

- Google Chrome
- Microsoft Edge
- Mozilla Firefox

Web Application URL: <https://nameprobyorion-ui.azurewebsites.net/#/auth>

Git Hub URL: <https://github.com/wellsteamorion?tab=repositories>

LOGIN

 **Name Pro**

Employee Login

User Name

Password

LOGIN

- Powered by Team Orion

[Link to download Playbook](#)

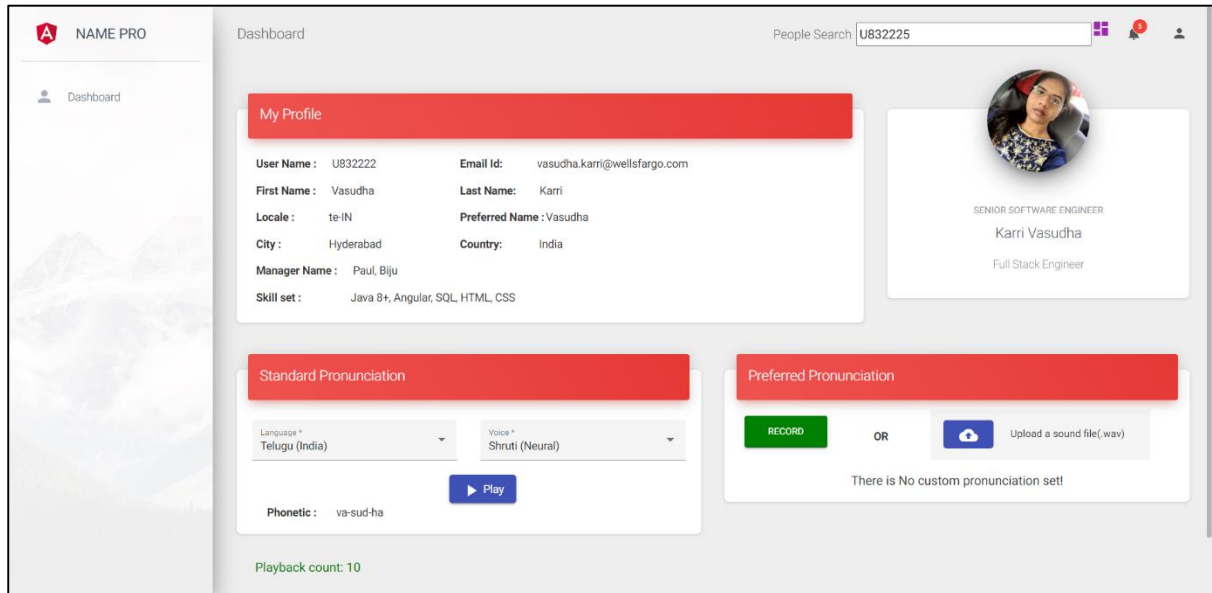
Here is the list of users currently available in the interface:

User Name	Password	User	User Role	Access Privileges
U832222	U832222	Vasudha	Employee	<ul style="list-style-type: none">• People Search• Playback Pronunciation• Record/Delete Preferred Pronunciation (self)
U832223	U832223	Rajesh	Employee	<ul style="list-style-type: none">• People Search• Playback Pronunciation• Record/Delete Preferred Pronunciation (self)
U832221	U832221	Srikanth	Administrator	<ul style="list-style-type: none">• Approve/Deny Recordings• People Search• Playback Pronunciation• Record/Delete Preferred Pronunciation (all users)

Step 1: LOGIN as an Employee

- Enter User Name as **U832222** and Password as **U832222** and click on the 'LOGIN' button

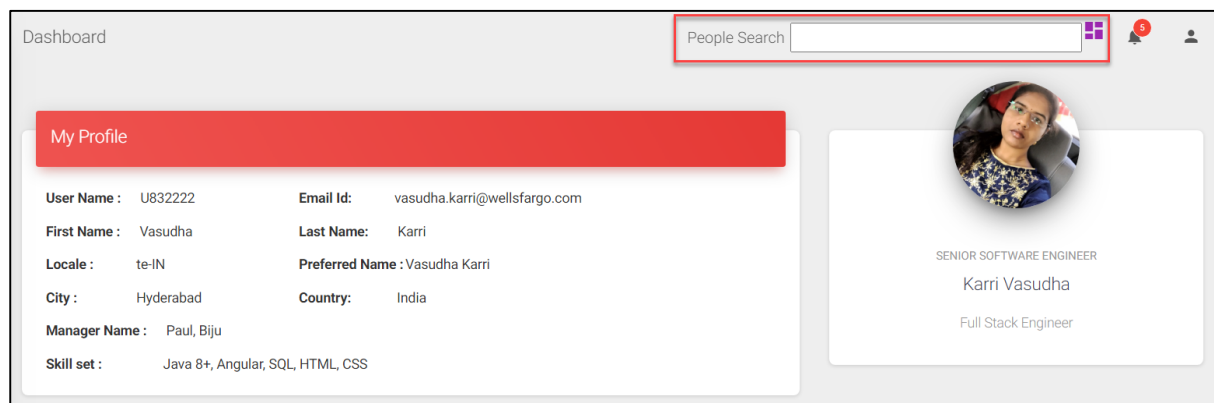
On user login, the screen navigates to the 'Dashboard' page for the employee as shown below



PEOPLE SEARCH

Step 2: Search for a user

- Clicking on the 'People Search' text box displays the list of users as a dropdown and the end-user must enter the User Id or Name to filter search results
- Search any user by name or user ID. For example, enter U832221 and select suggested users from the drop down.

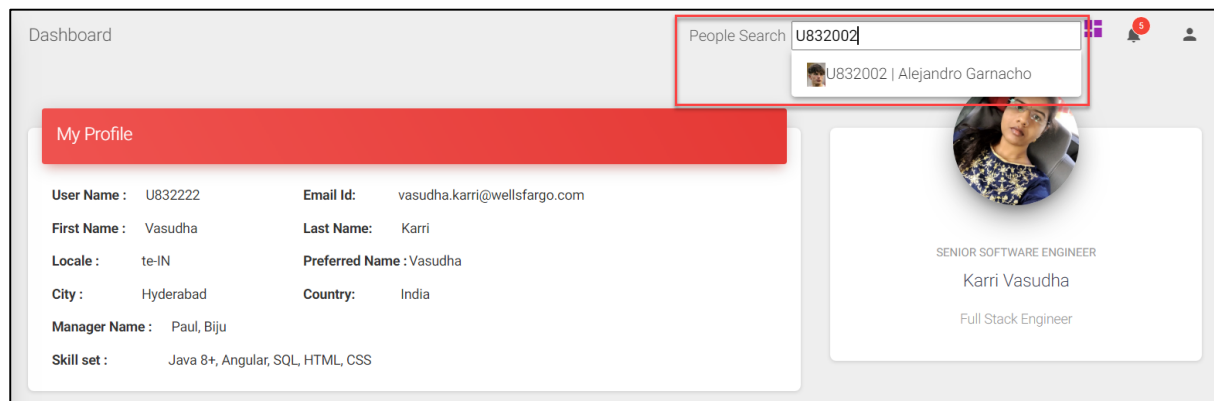


The interface provides the ability to search for other employees, allowing the end-user to view their profile and listen to their standard/preferred pronunciation.

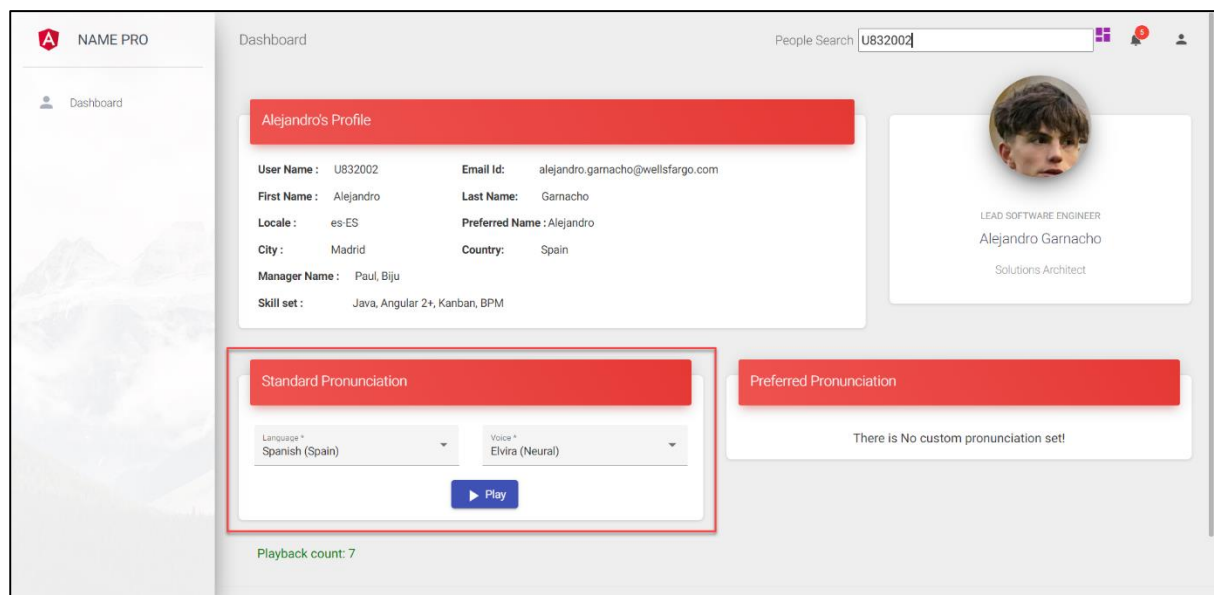
Standard Pronunciation

Step 3: Search for a user (Standard Pronunciation)

- Enter 'U832002' and select the user from the dropdown



Clicking on the user routes to the user profile as shown below.



User Profile with Standard Pronunciation

Step 4: Play Standard Pronunciation

- Click on the 'Play' button to listen to the audio sample

Note: The selections of the 'Language' and 'Voice' fields are defaulted based on the **Locale** which is determined by the location (City, Country).

Step 5: Change inputs for Standard Pronunciation

- Change the input for the 'Language' dropdown to select a different language
- Select an option from the available choices in the 'Voice' dropdown for the 'Language' selected
- Click on the 'Play' button again to listen to the new audio sample based on the choices

Preferred Pronunciation

Step 6: Search for a user (Preferred Pronunciation)

- Enter 'U832223' and select the user from the dropdown
 - Note: Below user had overridden standard pronunciation which was approved by Admin

The screenshot shows the NAME PRO dashboard. At the top, there's a 'People Search' bar with 'U832223' entered. The main content area displays 'Rajesh's Profile' with the following details:

- User Name: U832223
- Email Id: rajesh.budditi@wellsfargo.com
- First Name: Rajesh
- Last Name: Buddithi
- Locale: te-IN
- Preferred Name: Rajesh
- City: Hyderabad
- Country: India
- Manager Name: Paul, Biju
- Skill set: Asp .Net, C#, Angular, SQL, HTML, CSS

To the right is a profile card for 'Rajesh Budditi', Senior Software Engineer and Microsoft Application Specialist. Below the profile are two pronunciation widgets. The 'Standard Pronunciation' widget shows 'Language: Telugu (India)' and 'Voice: Shruti (Neural)', with a 'Play' button. A red note below it states: 'Note: Standard Pronunciation is disabled because user has recorded a custom pronunciation!'. The 'Preferred Pronunciation' widget is highlighted with a red box and contains a 'Play' button and the text: 'Playback the preferred name pronunciation that is set by user.' At the bottom, it shows 'Playback count: 23'.

User Profile with Preferred Pronunciation

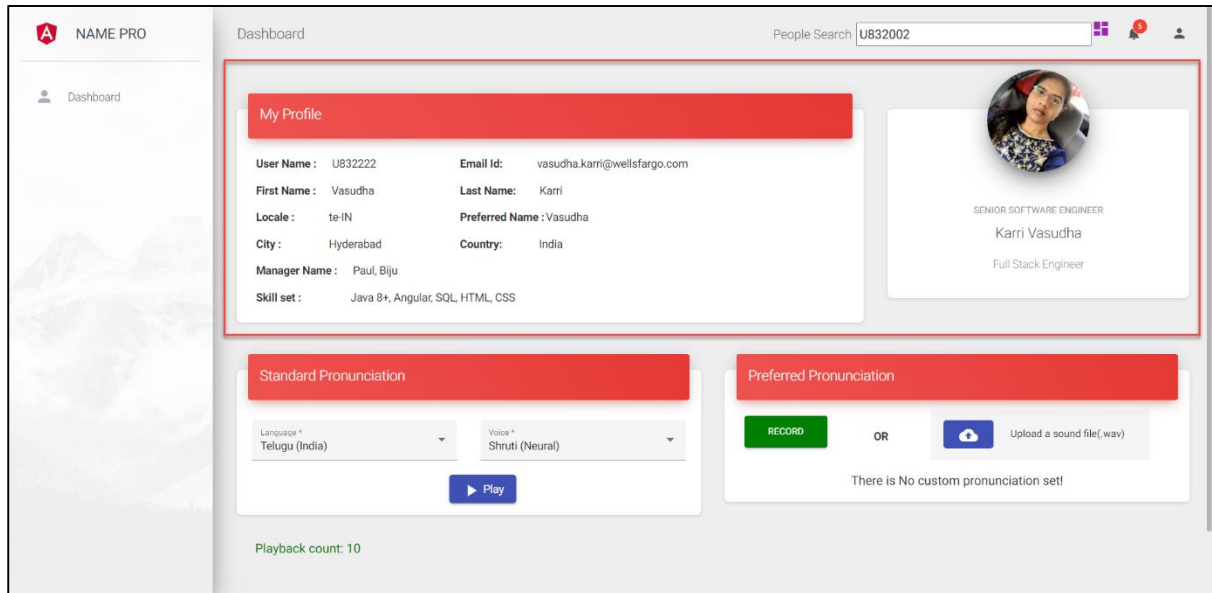
- Click on the 'Play' button to listen to the custom recording

Note: At any point in time, only one of the widgets (Standard Pronunciation or Preferred Pronunciation) will be enabled for a user profile.

MY PROFILE

Step 7: View profile

- Click on the 'Dashboard' tile to navigate back to the logged in user profile



- The upper half of the 'Dashboard' contains user information along with a profile image

Standard Pronunciation

Step 7: Play back standard pronunciation

Standard Pronunciation

Language *
Telugu (India)

Voice *
Shruti (Neural)

Play

Playback count: 10

Preferred Pronunciation

RECORD OR Upload a sound file(.wav)

There is No custom pronunciation set!

- 'Language' and 'Voice' fields defaulted based on the **Locale**
- Change the input for the 'Language' and 'Voice' dropdowns to make a different selection
- Click on the 'Play' button to listen to the audio sample

Preferred Pronunciation

Step 8: Override Standard Pronunciation

Standard Pronunciation

Language *
Telugu (India)

Voice *
Shruti (Neural)

Play

Playback count: 10

Preferred Pronunciation

RECORD OR Upload a sound file(.wav)

There is No custom pronunciation set!

- Click on the 'Record' button to record a custom audio sample and override the existing standard pronunciation

or

- Click on the 'Upload' logo to upload an audio file (.wav)
 - Select a file from the 'File Explorer' window and upload

- If the audio uploaded is a valid file, the override request will be sent to the administrator for an approval as shown below; 'Status'

The screenshot shows two main sections: 'Standard Pronunciation' and 'Preferred Pronunciation'. In the 'Standard Pronunciation' section, there are dropdowns for 'Language *' (set to 'Telugu (India)') and 'Voice *' (set to 'Shruti (Neural)'), and a 'Play' button. Below this, it says 'Playback count: 10'. The 'Preferred Pronunciation' section has a 'Play' button, a 'Delete' button, and a 'Status: Pending' label. Below these, it says 'Playback the preferred name pronunciation that is set by user.' and 'Recorded by: U832222 Recorded on: 15/05/2022'.

- Click on the 'Play' button to listen to the recorded/uploaded audio sample
- Click on the 'Delete' button to delete the audio sample

Note: If the audio sample is an invalid file, an error message is displayed as below

The screenshot shows the same interface as before, but the 'Preferred Pronunciation' section now displays an error message: '*Not a Valid File' in red. Below this, it says 'There is No custom pronunciation set!'. The 'Standard Pronunciation' section remains the same.

Step 9: Logout

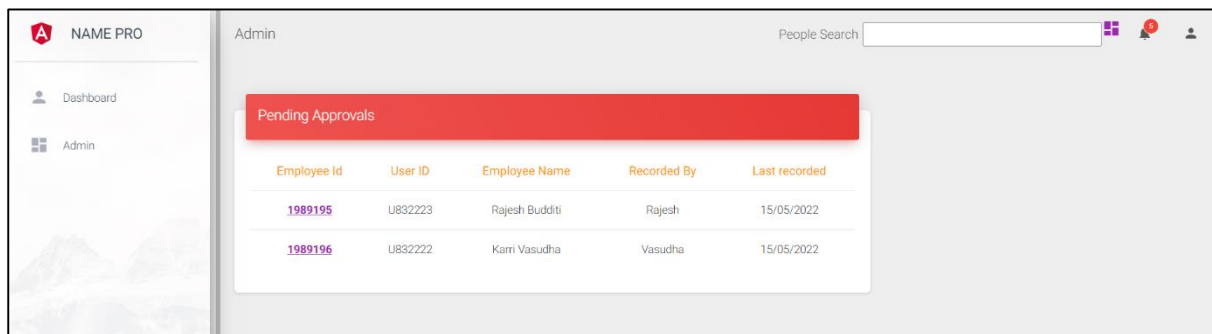
- Click on the 'Logout' button as highlighted below

The screenshot shows the 'NAME PRO' dashboard. On the left is a sidebar with a 'Dashboard' link. The main area has a 'My Profile' section with fields for 'User Name', 'Email Id', 'First Name', 'Last Name', 'Locale', 'Preferred Name', 'City', 'Country', 'Manager Name', and 'Skill set'. On the right is a user profile card for 'Karri Vasudha', a 'Senior Software Engineer' and 'Full Stack Engineer'. In the top right corner, there is a 'Logout' button highlighted with a red box.

ADMIN WORKFLOW

Step 10: Login as Administrator

- Enter **U832221** as User Name and **U832221** as Password and click on the 'LOGIN' button
- On user login, the screen navigates to the 'Admin' page as shown below



Pending Approvals

Step 11: Manage approvals

- Click on the hyperlink in the 'Employee ID' to approve or deny an approval request
 - For example, click on '1989196' to approve the request for user 'Karri Vasudha'
 - User Profile is displayed with the 'Approve' and 'Reject' buttons

The screenshot shows the NAME PRO dashboard. On the left is a sidebar with 'Dashboard' and 'Admin' links. The main area is titled 'Dashboard' and features a 'People Search' bar. The central focus is 'Vasudha's Profile', which lists personal and professional details. Below the profile, there are two sections: 'Standard Pronunciation' and 'Preferred Pronunciation'. The 'Preferred Pronunciation' section is highlighted with a red box and shows a recorded audio sample with a status of 'Pending'. It includes buttons for 'Play', 'Delete', 'Approve', and 'Reject'.

- Click on the 'Play' button to listen to the recorded/uploaded audio sample
- Click on the 'Delete' button to delete the audio sample
- Click on the 'Reject' button to deny the request
- Click on the 'Approve' button to approve the request; approval details are displayed as below

The screenshot shows the same dashboard after the approval. The 'Preferred Pronunciation' section now displays 'Recorded by: Vasudha', 'Recorded on: 15/05/2022', and 'Approved by: Srikanth Polisetty'. The 'Standard Pronunciation' section is disabled, and a red note at the bottom left states: 'Note: Standard Pronunciation is disabled because user has recorded a custom pronunciation!'.

People Search

Note: Similar to a user logged in as an employee, the administrator can perform 'People Search' and navigate to a user profile

Step 12: Search for a user as Admin (Preferred Pronunciation not available)

- Enter 'U832225' and select the user from the dropdown

The screenshot shows the NAME PRO interface. On the left is a sidebar with 'Dashboard' and 'Admin' options. The main area displays 'Mohammed's Profile' for user U832225. The profile includes fields for User Name, Email Id, First Name, Last Name, Locale, Preferred Name, City, Country, Manager Name, and Skill set. To the right is a circular profile picture and a title block identifying the user as a Lead Software Engineer and Solutions Architect. Below the profile is a red-bordered box containing two sections: 'Standard Pronunciation' and 'Preferred Pronunciation'. The 'Standard Pronunciation' section has dropdowns for Language (Hindi (India)) and Voice (Swara (Neural)), a 'Play' button, and a 'Playback count: 10' indicator. The 'Preferred Pronunciation' section has a 'RECORD' button, an 'OR' separator, an 'Upload a sound file(.wav)' button, and a message stating 'There is No custom pronunciation set!'.

- Standard Pronunciation: Similar privileges to a user logged in as an 'Employee'
- Preferred Pronunciation: Ability to record, upload, play and delete audio sample

Step 13: Search for a user as Admin (Preferred Pronunciation available)

- Enter 'U832222' and select the user from the dropdown

The screenshot displays the NAME PRO dashboard for a user named Vasudha Karri (User ID: U832222). The interface includes a sidebar with 'Dashboard' and 'Admin' options. The main content area shows the user's profile, a 'People Search' bar with 'U832222' entered, and two pronunciation sections. The 'Standard Pronunciation' section is disabled with a note: 'Note: Standard Pronunciation is disabled because user has recorded a custom pronunciation!'. The 'Preferred Pronunciation' section is active, showing a 'Play' button, a 'Delete' button, and recording details: 'Recorded by: Vasudha', 'Recorded on: 15/05/2022', and 'Approved by: Srikanth Polisetty'. A 'Playback count: 14' is shown at the bottom.

- Standard Pronunciation: Similar privileges to a user logged in as an 'Employee'
- Preferred Pronunciation: Along with the ability to play the audio sample, the administrator can delete the recording
 - Click on the 'Delete' button to delete the audio sample

Dashboard

The screenshot displays the NAME PRO Dashboard interface. On the left is a sidebar with a logo and two menu items: 'Dashboard' and 'Admin'. The main content area is titled 'Dashboard' and includes a 'People Search' bar at the top right. Below the search bar, the 'My Profile' section shows user details: User Name (U832221), Email Id (srikanth.polisetty2@wellsfargo.com), First Name (Srikanth), Last Name (Polisetty), Locale (te-IN), Preferred Name (Srikanth), City (Hyderabad), Country (India), Manager Name (Paul, Biju), and Skill set (Java 8+, Angular, SQL, HTML, CSS). To the right of the profile is a circular profile picture of a man, with the title 'SENIOR SOFTWARE ENGINEER' and the name 'Srikanth Polisetty' below it, followed by the tagline 'An Engineer, atleast my degree says so..'. Below the profile section, the 'Standard Pronunciation' section features dropdown menus for 'Language *' (set to Telugu (India)) and 'Voice *' (set to Shruti (Neural)), with a 'Play' button. The 'Preferred Pronunciation' section has a 'RECORD' button, an 'OR' separator, and an 'Upload a sound file(.wav)' button. A message at the bottom of this section states 'There is No custom pronunciation set!'. At the very bottom of the dashboard, it shows 'Playback count: 18'.

Note: Similar to a user logged in as an employee, the administrator can perform actions on the 'Dashboard'