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| Project Solution Design |

**Project number and name:** **PR00001**  **Name Pronounciation**

**Project manager:** Ravi Kumar Gokanakonda

**Project sponsor:** Paul Brand

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|  | Document Purpose Provides a description of all components of the solution design and outline how the project will meet the business requirements defined in the requirements documentation. |

## Work Effort Purpose

This challenge will deliver a solution for phonetic pronunciation of names. The successful solution will enable Wells Fargo employees to understand the pronunciation of people’s names in two ways:

1. Standard Pronunciation: The solution will provide standard aural pronunciations for names, based on rules. Standard solutions may come from industry-standard solutions.
2. Non-Standard Pronunciation: The solution will enable employees to override standard pronunciations and provide “custom” pronunciations for cases where the employee prefers pronunciation that differs from the pronunciation provided by the standard solution.

The solution will provide a user interface for administrators and employees to look up pronunciations. More importantly, the solution will provide an API, providing name pronunciation as a service. The user interface will allow employees to record and play back non-standard pronunciations

## Assumptions

* Add additional source data to have accuracy

## Constraints

Following functionality is de-scoped due to non-availability of the data

* How can teams effectively collaborate and communicate to avoid redundant work
* AIMS request to opt out of prononucation tool

## Solution Overview

Required following set of data.

Refer to attachment for logical solution.

**Objective 1:**

1. As an employee or contingent workers, I want to allow other employees and contingent workers to hear the pronunciation of my name so that they can address me in the way I prefer to be addressed.
   1. I want the system to provide a standard pronunciation of my name.
   2. I want to be able to provide a custom pronunciation to override the suggested pronunciation of my name.
   3. I need to be able to opt out of the pronunciation service.
   4. Given name will have different pronunciation in different countries. I want to pronounce name as per selected Country.
   5. Should I speak name fast or slowly? I am looking to pronounce names fast or slowly as per input provided.
2. As an employee looking to pronounce another employee’s name, I want to be able to hear the non-standard pronunciation, if provided, or standard pronunciation, of any employee’s or contingent worker’s name
3. As an administrator, I need to be able to maintain pronunciations so that the system operates properly.

As an employee using adaptive technologies, I need the user interface to be compliant with WCAG 2.0 AA, so that my adaptive tech works appropriately, and I can use the system fully.

**Objective 2:**

1. As the administrator, I need the application to authenticate silently through OKTA so that authentication is simple and compliant with enterprise authentication approach.
2. As the administrator, I need the application to use LDAP and fetch details like Ad-Ent, EmployeeID etc
3. As the product owner of a different product, I need to be able to call the API for the name pronunciation service, passing in a spelling and receiving back the pronunciation and phonetics. The content and format of the payload are negotiable but should comply to industry norms.
4. As the product owner of a different product, I need APIs in such a way so that it can be integrated in internal portals like Teamworks

## LOB Areas Impacted

All LOB

## Additional Documentation

Select any additional documentation done to define project solution:

| **Deliverable** | **Completed?** | **Location** |
| --- | --- | --- |
| Functional System Design (FSD) | No | NA |
| System Architecture Specifications (SAS) | No | NA |
| Process Flow Diagram | Yes | GitHub |

Version (Pre-Approval)

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| --- | --- | --- | --- |
| **Version #** | **Revision Date** | **Revised By** | **Change Description** |
| v0.01 | 05/12/2022 | Ravi Kumar Gokanakonda | First draft created |
| v0.02 | 05/12/2022 | Ravi Kumar Gokanakonda | Final, approved version |

Version (Post-Approval)

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| **Version #** | **Change Request #** | **Revision Date** | **Revised By** | **Change Description** |
| NA | NA | NA | NA | NA |

### Template Version History

| Date | Made By | Description |
| --- | --- | --- |
| 05/02/2022 | EPMO | First version published, 02/2022 |
| 05/02/2022 | EPMO | Branding review of formatting |
| 05/02/2022 | EPMO | Remove ‘Approvals’ section as all approvals will be obtained in the EPM Tool |