

Dev Pipeline

PROJECT REPORT

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Executive Summary

This report outlines the information regarding the purpose, design, and features of our product. The project lasted for 1 week and about 40 human hours. Capability level of the programmer - Beginner.

Business Activities

BUSINESS ACTIVITY	DESCRIPTION
Research	Study of materials and sources in order to accomplish goals and create better code.
Discussion and Update	Discuss the project with the lead instructor. Giving updates and addressing bugs and challenges.
Development	Design and creation of the product.

Timeline & Status

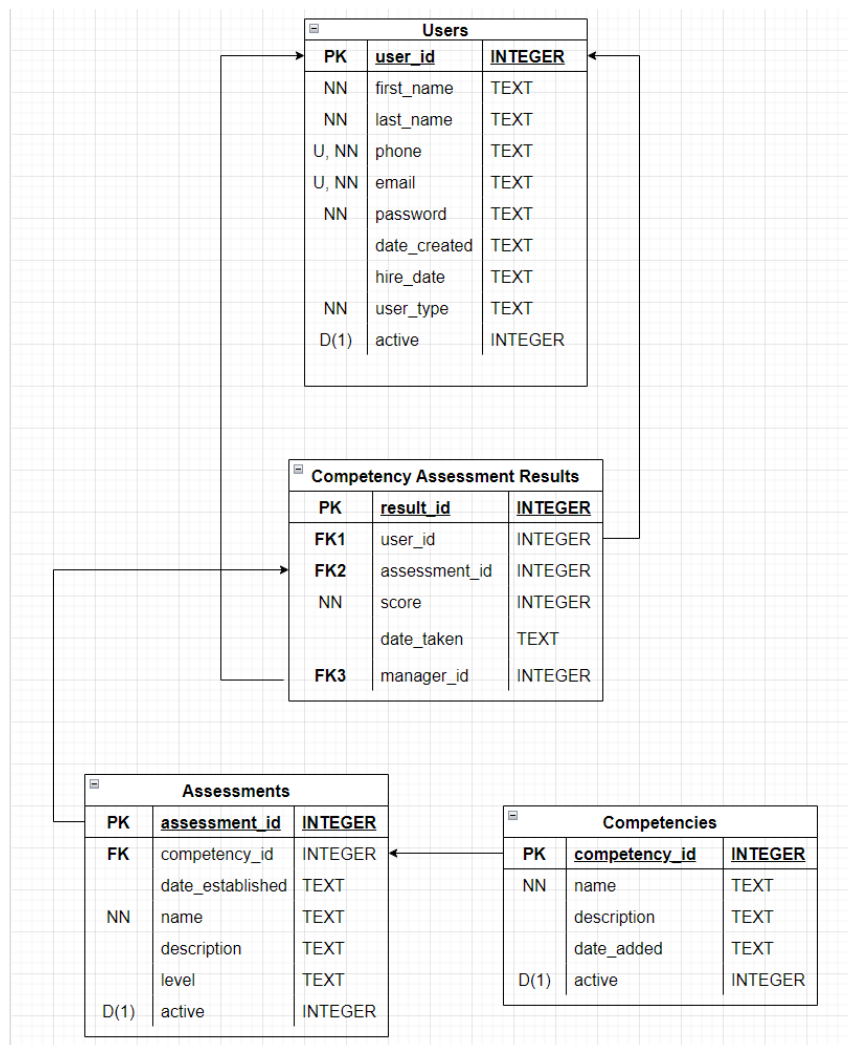
BUSINESS ACTIVITY	PERIOD	STATUS
Design	December 01 - 03, 2021	Completed
Development	December 01 - 07, 2021	In Progress
Error Handling	December 01 - 09, 2021	In Progress
Improvements	January 01, 2022	In Progress

Purpose of the product

Our product is a Tracking Tool. It tracks competency levels, or skill levels, for each competency for individuals. Competencies are measured through various assessments, which can be tests, interviews, project reviews, etc.

Design

Design of the database schema diagram



Features

FEATURE	DESCRIPTION
Log in and log out.	Keep track of user emails and passwords to allow for secure login
Two user types	User and Manager
User abilities	View and Edit their data
Manager abilities	<div>View<ul style="list-style-type: none">view all users in a listsearch for users by first name or last nameview all user competencies by userview a report of all users and their competency levels for a given competencyview a competency level report for an individual userview a list of assessments for a given user</div> <div>Add<ul style="list-style-type: none">add a useradd a new competencyadd a new assessment to a competencyadd an assessment result for a user</div> <div>Edit<ul style="list-style-type: none">edit a user's informationedit a competencyedit an assessmentedit an assessment result</div> <div>Delete<ul style="list-style-type: none">delete an assessment result</div>
CSV export	Export reports to CSV file
CSV import	Import results from CSV file

How does it work?

The user logs into the system with their email and password. The software recognizes the type of the user(user, manager) and gives the user options to choose from based on their abilities.

Example:

1. The user's options will look like this:

```
Please select:  
  
      (E) edit/change your info/data  
      (C) to view your Competencies  
      (A) to view your Assessments
```

2. The manager's options will look like this:

```
Please select:  
  
      (V) to VIEW data  
      (A) to ADD data  
      (E) to EDIT data  
      (D) to DELETE data
```

Who is designed for?

Any company and/or educational institution will greatly benefit from our product.