9/14/2024

Sprint 5

Team Name: Entrepreneurial Code Crafters

Contents

[Project Tittle 1](#_Toc163838478)

Availability of [Group members 1](#_Toc163838479)

[Pipelines 2](#_Toc163838481)

[How will we implement pipelines into our application 2](#_Toc163838482)

# **Project Tittle**

We present to you the Entrepreneurial Support Platform, this platform aims to help empower young entrepreneurs with entrepreneurial aspirations. We will provide guidance and tools to help them have a stepping stone into starting their own business and to turn their ideas into a successful business.

# **Availability of Group members**

Njeje Lilitha: ST10083978 (100%)

Ndlovu Malibongwe: ST10083947 (100%)

Gopal Allison: ST10083717 (100%)

Kunene Sbahle Sibusisiwe: ST10083915 (100%)

Hayley Hananiah Chetty: ST10083771 (100%)

Arven Sewlal: ST10083252 (100%)

# **Pipelines**

A CI/CD pipeline will be integrated in our application. It will help our platform with development section and the testing section.

**Continuous Integration (CI)**

This pipeline builds and tests the application every time we push the code, this will help ensure that the feature of submitting business proposals is always functioning.

**Continuous Development (CD)**

The CD pipeline will help ensure that once we have deployed the application, the necessary changes made in the deployment will be tested.

# **How will we implement pipelines in our application**

We will use the pipeline for updating the database through the API, to register students and investors to SQL Server Management Studio (SSMS). The pipeline has a secure and flexible security, which helps to manage credentials and setting to keep the sensitive information secure, especially for the funding competition, since we will use a payment gateway.

For the networking feature, the pipeline will automatically be implemented for the chat feature to ensure real-time messaging through API, which will occur between the young entrepreneurs and the investors.

For resource sharing and the business showcase, the pipeline will be used for the sharing of templates, images, videos and etc. it will ensure that the resources have been delivered and uploaded.