**Peninsula 360 PTA - Microsoft Dynamics 365 Business Central Integration Project**

Welcome to the Peninsula 360 PTA Microsoft Dynamics 365 Business Central Integration project repository! This project aims to integrate the Peninsula 360 Peninsula Trading Application (PTA) system with Microsoft Dynamics 365 Business Central, enabling seamless data exchange between the two systems. This README file provides an overview of the project, setup instructions, contribution guidelines, and more.

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**Project Overview**

The Peninsula 360 PTA - Microsoft Dynamics 365 Business Central Integration project aims to streamline the Peninsula Trading Application process by integrating the Peninsula 360 PTA system with Microsoft Dynamics 365 Business Central. This integration will enable real-time data synchronization, reducing manual data entry efforts and minimizing errors.

**Features**

* Automatic synchronization of all the Master and Transactional data from Peninsula 360 PTA to Microsoft Dynamics 365 Business Central.
* Real-time updates on approval statuses and purchase order generation.
* Secure authentication and data encryption for data transmission.
* Detailed logging and error handling mechanisms.
* Customizable mapping of data fields between systems.

**Getting Started**

**Prerequisites**

* **Microsoft Dynamics 365 Business Central Account**: You need a valid Microsoft Dynamics 365 Business Central account with appropriate permissions to configure integrations.
* **Peninsula 360 PTA System Access**: Access to the Peninsula 360 PTA system for API integration setup.

**Installation**

1. Clone this repository to your local machine:

o<https://pplvsts.visualstudio.com/BCIntegration/_git/BCIntegration>n

1. Install the required dependencies (will need to update in future)
2. Configure the integration settings (will need to update in future)

/\* Placeholder \*/ Edit the **config.json** file to provide the necessary configuration parameters, including API endpoints, authentication credentials, and data mapping settings.

1. Start the integration service (will need to update in future)

**Usage**

Once the integration service is up and running, it will automatically synchronize data between the Peninsula 360 PTA system and Microsoft Dynamics 365 Business Central. You can monitor the integration logs for any errors or warnings.

**Contributing**

Contributions are welcome! If you would like to contribute to this project, follow these steps:

1. Fork the repository.
2. Create a new branch for your feature or bug fix.
3. Make your changes and test thoroughly.
4. Commit your changes with descriptive commit messages.
5. Push your branch to your forked repository.
6. Open a pull request describing your changes.

Please review our [Contribution Guidelines](https://chat.openai.com/CONTRIBUTING.md) for detailed information.

**License**

This project is licensed under the Peninsula 360 Policies.

**Contact Information**

For any inquiries or assistance, please contact our development team at BCIntegrationTeam@peninsula360.com.

Thank you for your interest in the Peninsula 360 PTA - Microsoft Dynamics 365 Business Central Integration project! We look forward to your contributions and feedback.