DOCUMENT TYPE:

USER MANUAL

DOCUMENT TITLE:

COHERENTPLUS – Guideline – Visual Studio Code User Manual

TARGET AUDIENCE:

Project management team, software, and hardware development team. Internal use only
(PRIVATE AND CONFIDENTIAL)

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DOCUMENT VERSION

Version	Date	Name of Author	Description
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1 Abstract

This document outlines the tools and configurations required to set up and develop this application. This guideline covers the following

SCOPE:

1) Installation of Visual Studio Code IDE
2) VS Code Extensions
3) Flutter configuration

2 Overview

2.1 Setup VS Code

2.1.1 Installation Options

Visual Studio Code (VS Code) can be installed on the following platforms:

- **Windows:** Download the installer from the official VS Code website

- **macOS:** manually configure path

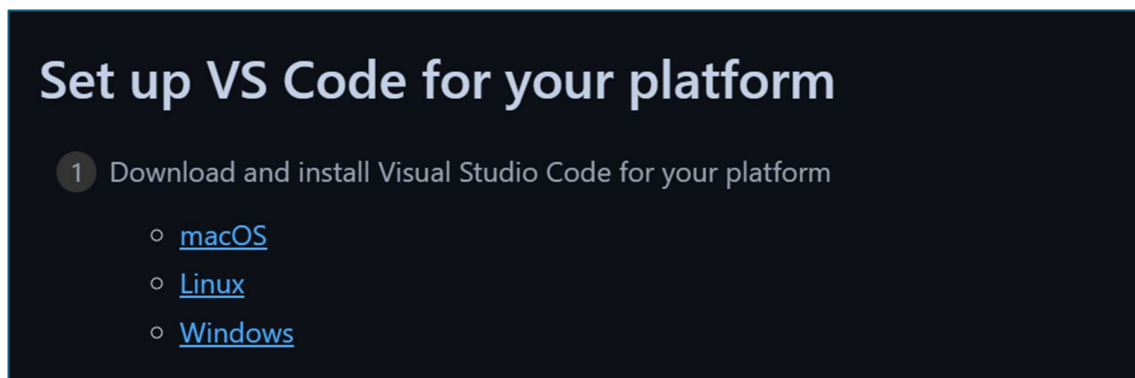- **Linux:** Debian and Ubuntu based distributions deb package

Figure 2.1.1 VS code installation options

2.1.2 Setup Steps

Download VS Code from these links:

- **Windows:** https://code.visualstudio.com/docs/setup/windows

- **macOS:** https://code.visualstudio.com/docs/setup/mac

- **Linux:** https://code.visualstudio.com/docs/setup/linux

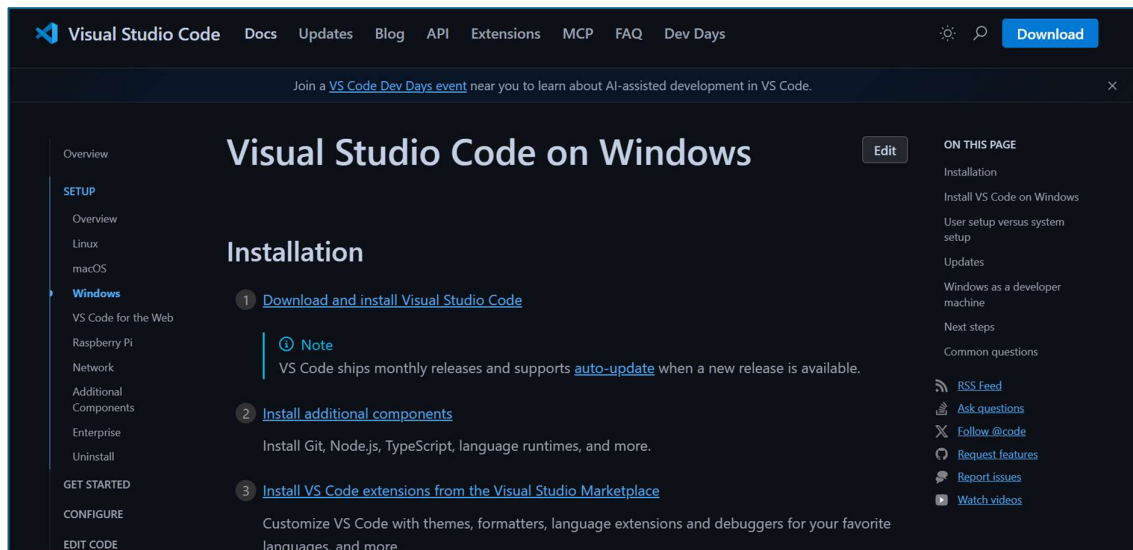Follow the setup steps in the Visual Studio Docs

Figure 2.1.2 VS Code Docs Page

2.1.3 VS Code IDE

After installation you should have a blank IDE platform. You can choose to open any folder of your preference to save your files.
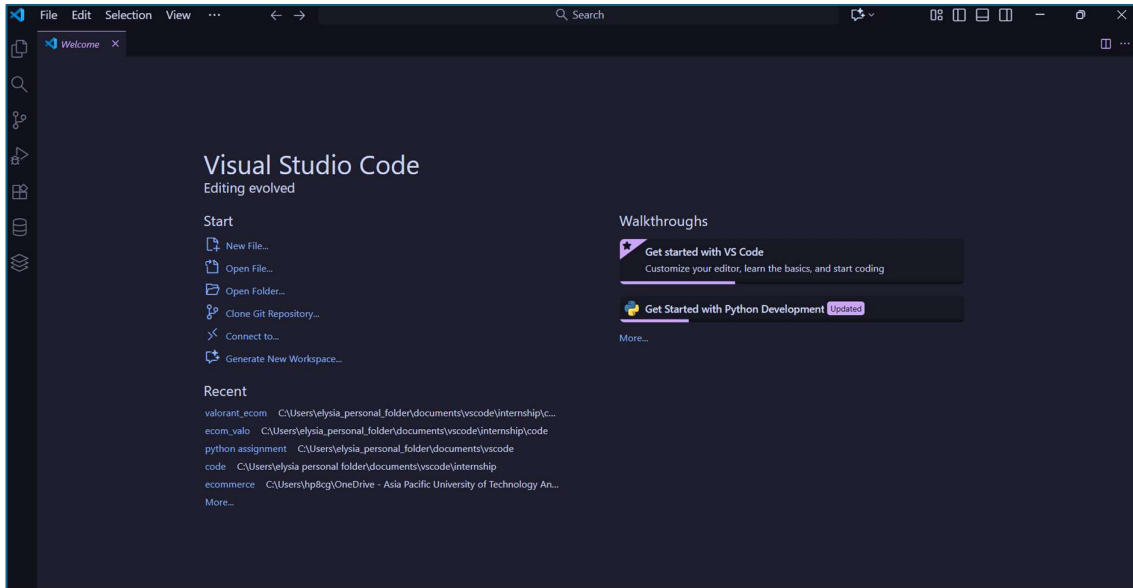

Figure 2.1.3 VS Code IDE Page

2.1.4 Create files

Create your file in your C drive, this will allow VS Code have permission to access your folders, or you can create in your user folder, there is a '.vscode' folder to save your files.
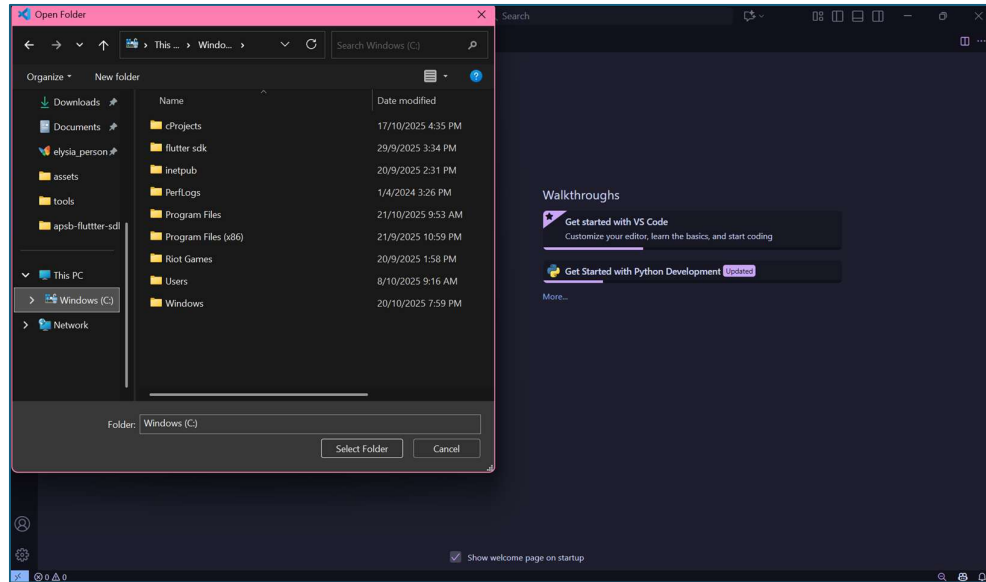

Figure 2.1.4 Create files page

2.1.5 VS Code Permission

To avoid permission complications, user can go to folder properties to change the folder's permissions.

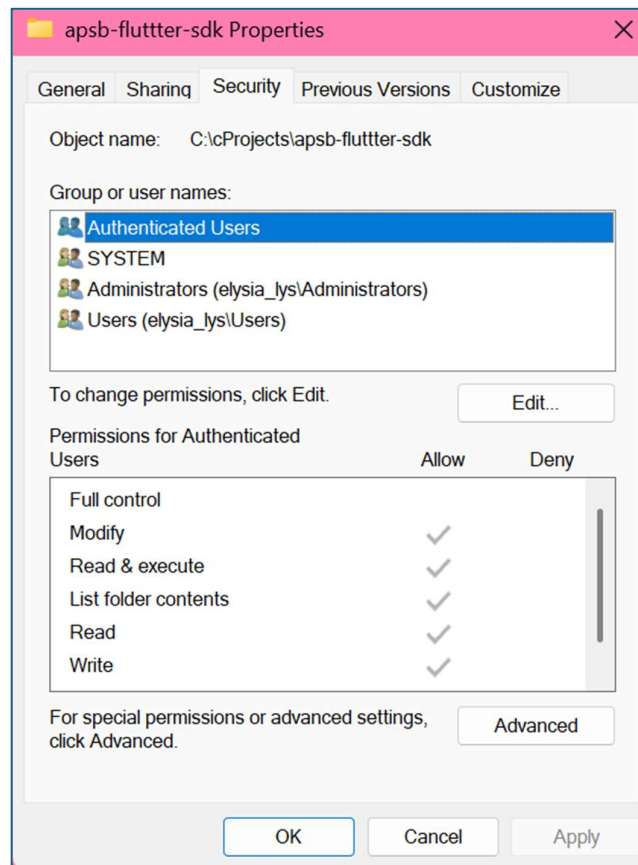Right click on folder > properties > security > and change your permission and authentication.

Figure 2.1.5 Permission settings

2.1.6 Import Files

Open the entire folder under source named "valorant_ecom". This is the flutter application that will be used in testing the online payment API integration.
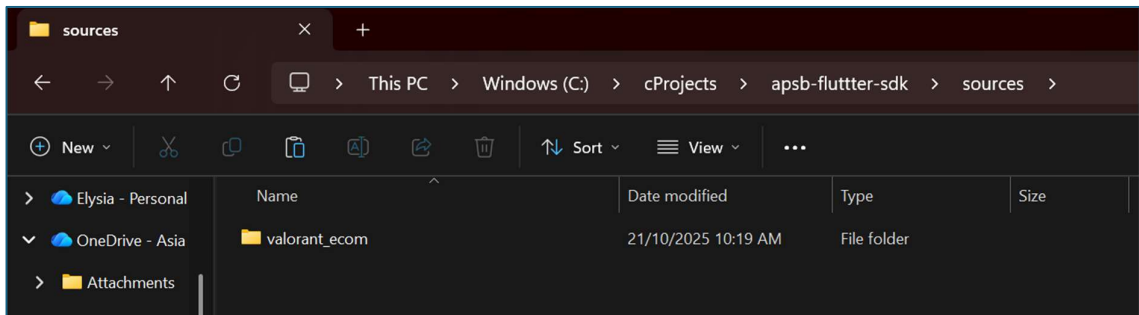
And that we are all set.

Figure 2.1.6 folder for online payment API integration

2.2 Install extension

To enable Flutter project development in VS Code, the following extensions are required:

1) **Flutter Extension** – Provides tools for creating, running, and debugging Flutter applications.

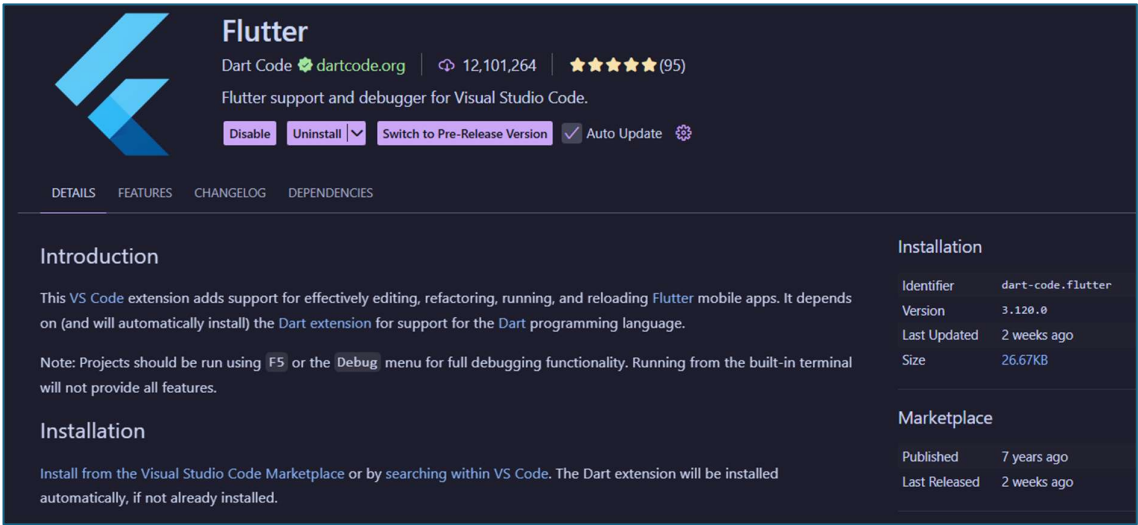2) **Dart Extension** – Enables Dart language support, including syntax highlighting and code completion.
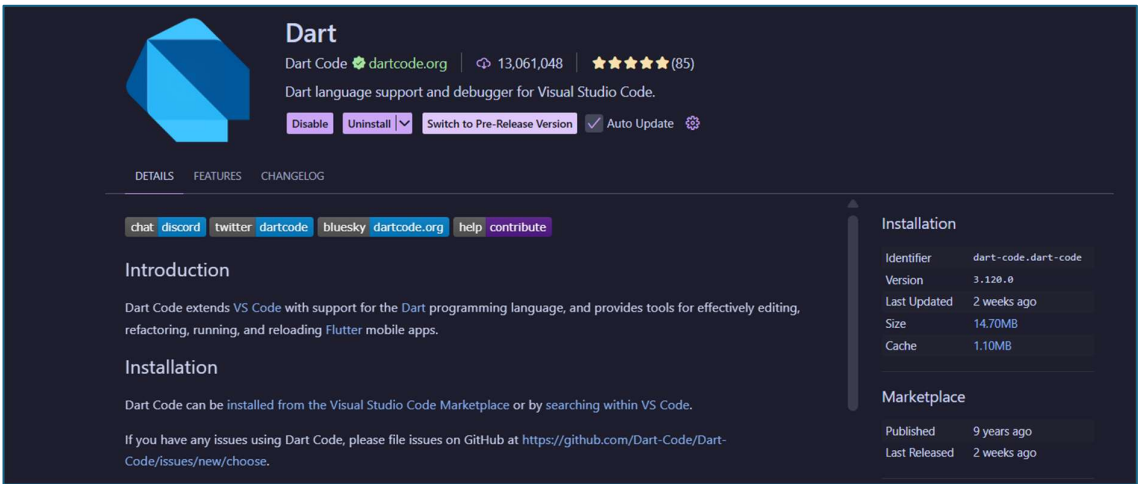

Figure 2.2 Flutter extension

Figure 2.2 Dart Extension

3 References

Visual Studio Code Installation https://code.visualstudio.com/docs/?dv=win64user

Setup Visual Studio Documentation https://code.visualstudio.com/docs/setup/setup-overview

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