Veydant Sharma   D15C   50
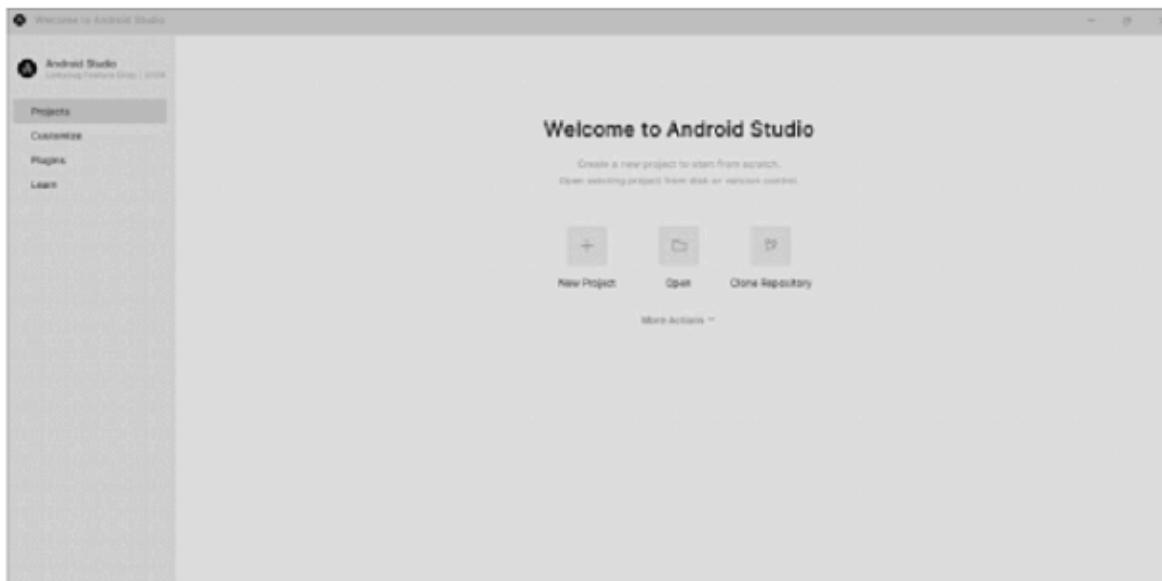
EXPERIMENT 1

Aim: Installation and Configuration of Flutter Environment.

Theory:

The Flutter environment was set up to begin development. The Flutter SDK was downloaded from the official website and configured by adding it to the system's PATH. Android Studio was installed to provide an emulator and integrated development environment, with Flutter and Dart plugins enabled. The flutter doctor command was used to verify that all dependencies and system requirements were properly installed.

```
● PS C:\Users\veyda\Desktop\flutter\pet_care> flutter doctor
 Doctor summary (to see all details, run flutter doctor -v):
 [√] Flutter (Channel stable, 3.27.3, on Microsoft Windows [Version 10.0.19045.5737], locale en-IN)
 [√] Windows Version (Installed version of Windows is version 10 or higher)
 [√] Android toolchain - develop for Android devices (Android SDK version 35.0.1)
 [√] Chrome - develop for the web
 [√] Visual Studio - develop Windows apps (Visual Studio Build Tools 2019 16.11.38)
 [√] Android Studio (version 2024.2)
 [√] VS Code (version 1.99.3)
 [√] Connected device (3 available)
 [√] Network resources

 • No issues found!
```

Veydant Sharma   **D15C**   **50**

Conclusion: Thus, the Flutter environment was successfully set up by installing the Flutter SDK, configuring system paths, and verifying the setup using flutter doctor. Android Studio, along with the Flutter and Dart plugins, was installed, and an Android emulator was created for testing applications.