# **Remote Drawing Board**

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1. **Definition**

The drawing board provides users abilities to customize their drawings; we could find out some applications such as Windows Paint, Artweaver, GIMP… However, these programs only available for one user at the time.

We are in need of creating an application that can allow multiple users to draw on board simultaneously through a local network like cable connection, Wifi, or Bluetooth.

This application must meet some technical requirements:

* Programming language: **Java**
* Framework: JavaSDK 11, JavaFX 13
* Platform: Multiplatform

1. **Main Features**
2. Drawing abilities:

* Select
* Undo
* Change color
* Change the thickness of the pen
* Erase
* Draw shape
* Export drawings into PNG format

1. Local network connectivity:

* Invite other users to contribute to the drawing