

# Lab 5 - Internet Radio

Name: \_\_\_\_\_

Lab Title: Internet Radio

## Architecture Overview

- Jetpack Compose UI using LazyColumn for station listing.
- RadioStation data class (name, URL, image).
- MediaPlayer runs on a HandlerThread (Looper) for background playback.
- ForegroundService supports background playback with notification bar.
- Volume and play/pause handled with buttons and state.

## User Flow

1. Open the app.
2. View 10 stations (image + name).
3. Tap Play: starts playback, pauses other station if any.
4. ForegroundService ensures playback in background.
5. User can control volume.
6. Notification controls persist while playing.