Bachelor Project

Music Voting Server

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# Introduction

The topic of this project is development of a Web Application that can be ran on a Raspberry PI microcomputer. The application can be installed on an offline server (without Internet connection) and run entirely inside a local Wi-Fi network. The use case is to provide means for song voting that forms a live playlist. The application also plays music and allows songs uploads. It is useful during parties where participants would like to vote for their favorite songs.

Users‘ Devices

Speakers

Admin laptop

Web Application (backend)

Linux (Raspbian)

Raspberry PI

Laptop

Android

iOS

General project scheme

# Motivation and objectives

The main objective was to practice working on a software project and coordinating as a team.