Virunus FM Design Specs

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# Project Overview

Virunus FM will be a personal replacement to Last.FM, along the lines of Gnu-FM, Libre.FM, or Wilt.FM. Recent changes to Last.FM’s system have necessitated moving away from their service, and API limitations in both Gnu-FM and Libre.FM make those options unviable for use. Wilt.FM is a legitimate option, but the slow development time and lack of available clients make it difficult to choose this option as a primary tracker. Thus the decision to create a new system was made. It will also work as a valuable learning experience for the developers, and as a place to apply the skills they learned in school.

### Primary Stakeholders

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Signature** |
| Erik Wilson | Project Lead; Primary Development/Design |  |

### Project Timeline

Deliverable are expected to be complete by Q2 of 2017.

# Project Scope

### Server API

The main purpose of the system will be to handle simple tracking of music, mainly Artist-Track-Album combinations, along with date/time listened. Having multiple users is not an immediate requirement but is high on the list. Similarly, cross-referencing submitted tracks against a metadata database in order to retrieve more in-depth data is being considered.

### Clients

The project will also need to include at least one client in order to submit tracks. At the moment, this is planned to be an Android application. Windows clients for certain music players are also being considered.