

# Chirp! Project Report

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## **1. Design and Architecture of Chirp!**

**Domain model**

**Architecture — In the small**

**Architecture of deployed application**

**User activities**

**Sequence of functionality/calls through Chirp!**

## **2. Process**

**Build, test, release, and deployment**

**Teamwork**

**How to make Chirp! work locally**

**How to run the test suite locally**

## **3. Ethics**

**License**

License: WTFPL

## **LLMs, ChatGPT, CoPilot, and others**

The LLMs used for this project during developments are ChatGPT and GitHub CoPilot. ChatGPT has been used carefully, mainly for asking questions about the code or errors in the code. It has also been used for generating small pieces of code, mainly in the cshtml files. Likewise, CoPilot has been used for generating some of the code in cshtml, but has also been used for helping with code, partly making some of the methods in the repositories and creating outlines for tests. Generally, the responses of the LLMs has been helpful for better understanding of the code and speeding up the development. It has not really created code that we would not have done ourselves, but it do have provided some logic in the methods, which has been helpful in terms of taking inspiration for futher method extensions. The application of LLMs has sped up the development process. Especially, CoPilot has made coding much faster, as it for most parts provides the code needed, e.g., if we already made a test for a method FollowAuthor, in no time CoPilot can make the same one for UnfollowAuthor. However, there has indeed been a few times, when ChatGPT or CoPilot does not understand the requests as intended, and therefore not providing useful outputs. But, for most of the time, they have been helpful tools for development.