

Chirp! Project Report

ITU BDSA 2024 Group 10

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1 Design and Architecture of *Chirp!*

1.1 Domain model

Here comes a description of our domain model.

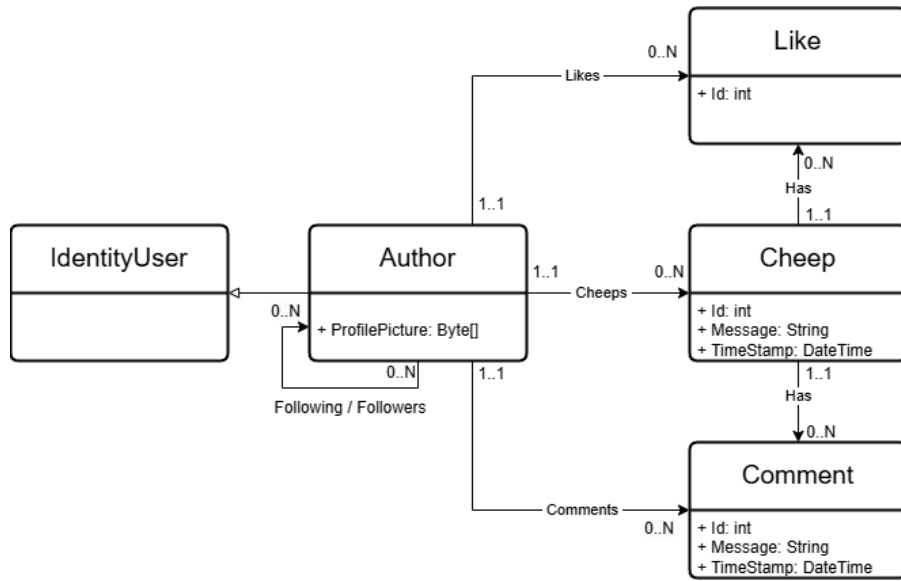


Figure 1: Illustration of the *Chirp!* data model as UML class diagram.

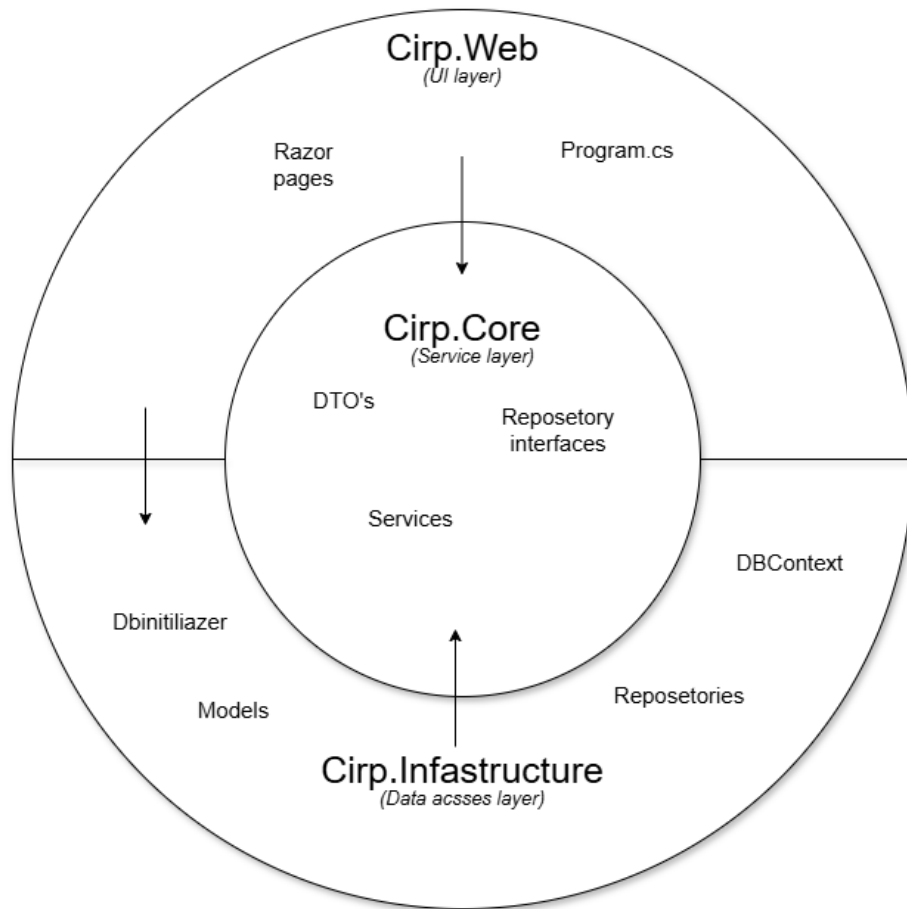


Figure 2: Illustration of the *Chirp!* program architecture.

- 1.2 Architecture — In the small
- 1.3 Architecture of deployed application
- 1.4 User activities
- 1.5 Sequence of functionality/calls through *Chirp!*
- 2 Process
 - 2.1 Build, test, release, and deployment
 - 2.2 Team work
 - 2.3 How to make *Chirp!* work locally
 - 2.4 How to run test suite locally
- 3 Ethics
 - 3.1 License
 - 3.2 LLMs, ChatGPT, CoPilot, and others