

Development Process

(Deadline: 13 September 2024)

First iteration: 09/08/2024 – 31/08/2024

1. ccapiferri (09/08/2024 – 12/08/2024):
 - a. Database requirements analysis and specification document
 - b. Conceptual design (E-R diagram + documentation)
 - c. Logical design (E-R diagram to be renovated and translated + documentation)
 - d. Logical schema implementation with PostgreSQL
2. adellafrattina (09/08/2024 – 12/08/2024):
 - a. Create package diagrams
 - b. Create class diagrams
 - c. Create sequence diagrams
 - d. Create state diagrams
 - e. Create use case diagrams
3. adellafrattina (12/08/2024 – 13/08/2024):
 - a. Implement the core application engine
 - b. Implement the handler class
 - c. Implement the widget classes
4. dariiasniezhkoinsubria (13/08/2024 – 14/08/2024):
 - a. Implement resource classes
5. everyone (12/08/2024 – 28/08/2024):
 - a. Implement the java classes down below
6. adellafrattina (16/08/2024 – 28/08/2024):
 - a. Fix imperfections
 - b. Add missing classes to documentation
7. ccapiferri & francescolops (12/08/2024 – 28/08/2024):
 - a. Implement the Client-Server-Database communication
 - b. Implement the necessary queries
8. adellafrattina (28/08/2024 – 30/08/2024):
 - a. Requirements check
 - b. Errors and various imperfections will be reported in the “Bugs and Issues” document and will be treated in another iteration if the severity is marked as “low”

9. everyone (30/08/2024 – 30/08/2024):

- a. Create the user manual
- b. Create the technical manual
- c. Create the Javadoc

File subdivision:

- adellafrattina:
 - core/ApplicationSpecification.java V
 - core/Layer.java V
 - core/Application.java V
 - core/headless/ApplicationHeadless.java V
 - core/headless/Console.java V
 - core/gui/ApplicationGUI.java V
 - core/gui/Window.java V
 - core/gui/WindowSpecification.java V
 - core/gui/InputText.java V
 - core/gui/ResultBox.java V
 - client/Handler.java
 - client/ViewType.java V
 - client/Master.java
 - client/AreaInfo.java
 - client/ParameterCreation.java
 - client/CenterCreation.java

- ccapiferri:
 - core/Database.java V
 - core/DatabaseMT.java V
 - core/RequestType.java
 - core/Result.java V
 - server/ServerApp.java V
 - server/ServerLayer.java V
 - server/Skeleton.java V
 - server/ServerDatabase.java V
 - server/ServerDatabaseImpl.java V
 - client/Registration.java
 - client/EditProfile.java
 - client/AreaCreation.java
 - client/Help.java

- francescolops:
 - client/Proxy.java V
 - client/ProxtMT.java V
 - client/ClientApp.java V
 - client/ClientLayer.java V
 - client/Login.java
 - client/CenterInfo.java
 - core/View.java V
 - core/ViewState.java V
 - client/Command.java V
 - client/CommandType.java V

- dariiasniezhkoinsubria:
 - core/Area.java V
 - core/Center.java V
 - core/Operator.java V
 - core/Category.java V
 - core/Parameter.java V
 - core/Email.java V
 - core/ConnectionLostException.java V
 - core/DatabaseRequestException.java V
 - client/Settings.java
 - client/Connection.java