

# StudentLog

May 2021

## 1 Git General Information

GitHub generate the contributions graphs and shows how frequently the group been contributing over the project generation.



Figure 1: Contributions: Additions



Figure 2: Contributions: Commits



Figure 3: Contributions: Deletions

The code frequency graph displays the content additions and deletions for each week in a repository's history.

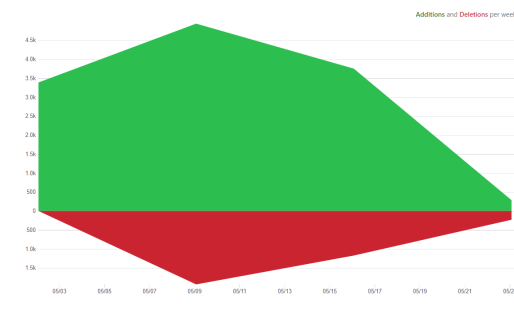


Figure 1: Code Frequency

## 2 Edoardo Cogotti

### 2.1 Git Information

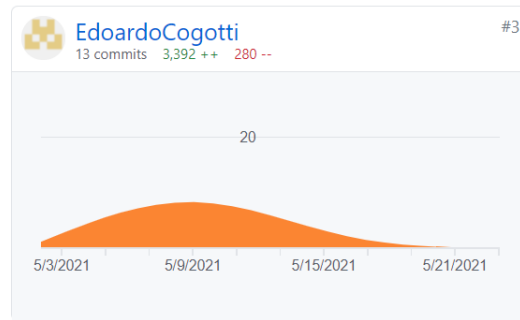


Figure 2: Personal Contribution. Edoardo Cogotti

- Number of commits: 13
- Lines of code added: 3392
- Lines of code deleted: 280

### 2.2 Coding Activities

- Backend:
  - DemoApplication
  - TreasureHunt
  - TreasureHuntStep
  - customObject
  - TreasureBackend
- FrontEnd:
  - FormMakerActivity
  - CameraFormActivity
  - PlaceFormActivity
  - models/GameInfo
  - MakerMapActivity (the skeleton, not implemented Google Maps or ML Kit API)
  - adapters/RecycleAdapter
  - RecapActivity (the skeleton, not implemented Google Maps)
  - SuccessCreationActivity

## 2.3 Diary of non Coding Activities

- Definition and implementation of database on MySQL
- Configuration of **pom.xml** and **persistence.xml** to connect backend and database
- Study of java persistence and hibernate on Visual Studio Code
- Configuration to make static my private ip during testing on real device
- Study of recycleview in android studio
- Study of Volley
- Study of JsonObject
- Writing of the project description

## 3 Marsha Gómez

### 3.1 Git Information



Figure 3: Personal Contribution. Marsha Gomez

- Number of commits: 46
- Lines of code added: 1810
- Lines of code deleted: 834

### 3.2 Coding Activities

- FrontEnd:
  - models/GlobalClass
  - GameActivity (Implementation Machine Learning Kit API)
  - GameCameraActivity
  - GameHangmanActivity
  - Gradle (implementation firebase google dependencies)

### 3.3 Diary of non Coding Activities

- Study of Machine Learning Kit implementation
- Configuration and installation of the fire-base console for ML Kit API
- Study of Mobile UX Design
- Participation on Design and Prototyping of the mobile application
- Participation on Writing of the Student Log Doc

## 4 Francesco Pesciatini

### 4.1 Git Information



Figure 4: Personal Contribution. Francesco Pesciatini

- Number of commits: 28
- Lines of code added: 5216
- Lines of code deleted: 2084

## 4.2 Coding Activities

- FrontEnd:
  - models/GlobalGame
  - FormMakerActivity
  - GameActivity
  - GameStepQuestionActivity
  - ListViewActivity
  - MainActivity
  - SearchGameActivity
  - SuccessActivity

## 4.3 Diary of non Coding Activities

- Search of the best language and platform where to develop the backend
- Search on how to make the back end server accessible from my wifi network
- Study and experimentation on the use of “Intent” in android studio
- Research on Parcelable in android studio
- Readings about how to make a UI look good in a android app

# 5 Gianmarco Petrelli

## 5.1 Git Information



Figure 5: The Universe

- Number of commits: 12
- Lines of code added: 1938
- Lines of code deleted: 142

## 5.2 Coding Activities

Spring Boot prototipation for backend

- FrontEnd:
  - AndroidManifest
  - MainActivity (including layout)
  - LoginActivity (including layout)
  - SignupActivity
  - Gradle file for dependencies and Google API key management files
- MySQL: update database script
- Building of Google map project prototype

## 5.3 Diary of non Coding Activities

- Team working for project specification and make-up
- Use case definition
- Google API prototipation
- Google Cloud Platform:
  - Account activation
  - API services activation and management