

Edoardo. S. Gribaldo, Federico Rosa

Corso di Software Engineering 2, Politecnico di Milano

Acceptance Tests Deliverable (ATD)

Project analyzed:

Students and Companies web app

(code available at <https://github.com/zaniluca/ZaniMorettiPizzoccheri>)

Table of contents

1. Introduction
2. Installation and Setup
3. Acceptance Test Cases
4. Additional Points on Code and Documentation
5. Effort Spent

## **1. Introduction**

This document will report our experience while doing acceptance testing on the Students and Companies web application project done by the group composed by the students Zani, Moretti, Pizzoccheri. In order to have a general overview of their project, we considered their RASD, their DD and confronted them with the code written for the implementation.

The goal of this document is to highlight any inconsistencies present between the RASD and the implementation, outlining any difficulties or defects found in the user experience and point out possible features that should have been implemented.

## **2. Installation and Setup**

Their code ran on a Docker container. We were not able to run it smoothly the first time, in particular there were troubles with the environment variables, but after reading the additional instructions provided in case Docker would not run (indeed they took into account the possibility of having troubles with Docker and that's good) and having a quick call with one of the members, we were able to run the code connecting to a local instance of Postgres database.

## **3. Acceptance Test Cases**

The team implemented the following features:

User registration

User login

User logout

User Offers Visualization

Student Curriculum Creation

Student Curriculum Update

Student Application to Internships

Company Offer Creation

Company Application Acceptance

Company Application Rejection

Company Feedback

Student Feedback

University Internship Monitoring

Student Notification

Company Notification

Questionnaire Creation

Questionnaire Filling

Offer Closure

After reading their RASD and doing acceptance testing on their web application we noticed a few discrepancies:

- Complaints and feedback are merged into a single entity in the implementation, while the RASD described complaints only.
- The assessment part of the application is missing. After filling the questionnaire upon applying to the internship, there's no way for the company to interview a student, they only have the possibility to accept or reject an application without any intermediate steps.
- It is not possible to see the status of the applications and of the internships.

Also we think that some things that could have been useful were not implemented:

- There is no way to filter the positions offered, thus making difficult for a student to go through all the offers in order to search the ones suited to him/her.

- During our testing phase we couldn't be able to see any statistics on the internships collected by the system.

Lastly, we didn't have the chance to test the recommendation system extensively since it is implanted through Docker, therefore we made some calls to the API endpoint for getting the recommendations. We got back some JSON that contained the suggestions for students and companies. However the recommendation system it is run every 7 days and not when new profiles or offers are created.

#### **4. Additional Points on Code and Documentation**

The code is modular and well structured. The documentation helped us when we got troubles with Docker so we found that really useful. We found the UI minimal but for this reason appealing and the notifications were nicely rendered.

#### **5. Effort spent**

**Gribaldo: 7**

**Rosa: 3**