

ATLANTE

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ISPW Project

1 Software Requirements Specification

1.1 Introduction

1.1.1 Aim of the document

Roba

1.1.2 Overview of the defined system

Roba

1.1.3 Operational settings

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1.1.4 Related systems, Pros and Cons

Roba

1.2 User Stories

This is our list of user stories we created during the developing of the project.:

1. As a **textbook seller*** , I want to sell my old books, so that I can earn money from something I don't need anymore.
2. As a Tutor, I want to submit my **tutoring data***, so that students in need can contact me.
3. As a student, I want a calendar in which I can add events about my study sessions, so that I can keep track of how much I spend studying.
4. As a student, I want to see a tutor's received reviews, so that I can choose the best tutor.
5. As a textbook seller, I want to show images of the textbooks I want to sell, so that I can be trusted by the buyer.
6. As a textbook seller, I want to show that the prices of the textbooks I want to sell can be negotiable, so that I can sell the textbooks faster.
7. As a student, I want to receive plots of the frequency of my activities, so that I can monitor my progress and improve accordingly.
8. As a student, I want to import my study plan, so that I can easily check how many exams I have to take before graduation.
9. As a student, I want to record the grades of every exam I take and see my average, so that I can check my overall performance.
10. As a student, I want to Import my lessons' schedule into a calendar, so that I can receive reminders before the start of a lesson.
11. As a student, I want to leave a report to a scam textbook seller, so that I can help other students avoid frauds.
12. As a textbook seller, I want to submit my contact numbers, so that customers can contact me.

Textbook seller* Person or organization that sells books.

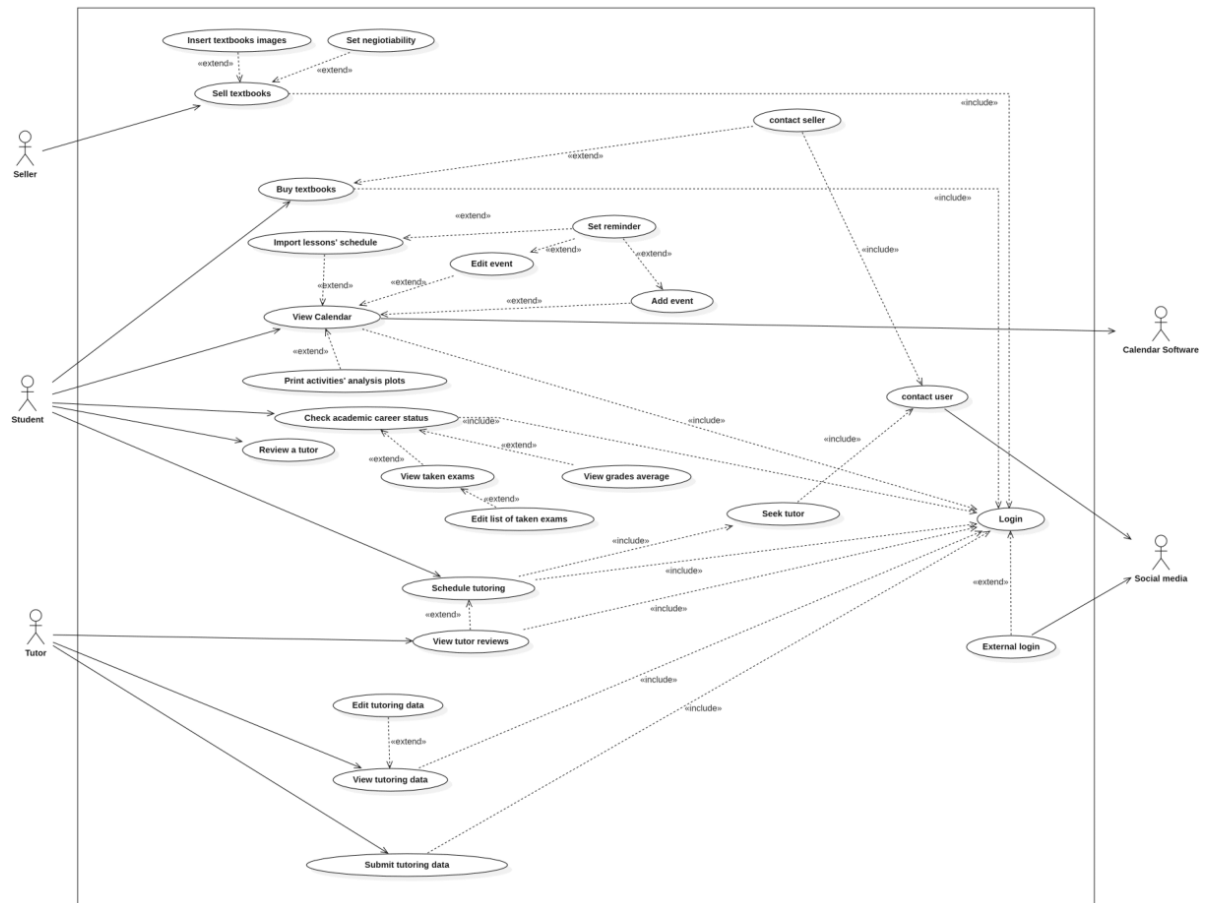
Tutoring data* Contact numbers: Phone numbers, emails, social media. .

1.3 Functional requirements

These are our functional requirements we chose during the course, we also created more than nine functional requirements in order to be more specific about what system shall do:

1. The system shall provide the students with an editable calendar of their activities, labeling the different types of events.
2. The system shall send a push notification containing the calendar event's name and notes by default 30 minutes before the event occurs.
3. The system shall provide the student with on-demand plots based on the frequency of every event type.
4. The system shall provide the uploading of pictures for the textbooks to sell.
5. The system shall acquire information about a tutor's data and display such information to his potential customers.
6. The system shall identify the on-sale textbooks by their ISBN and allow their selling only if the book has the ISBN.
7. The system shall provide a stars reviewing method to evaluate tutors.
8. The system shall provide filters to search tutors by subject matter and/or stars.
9. The system shall provide external login via social media.
10. The system shall provide a button to set if the product's price is negotiable.
11. The system shall acquire information about a textbook seller's contact numbers and display such information to his potential customers.

1.4 Use case diagram



This is the use case diagram we created during the developing of the project.