

IHC - Assignment n.2

Design and prototyping of an application using a human-centered approach

Deliverable n. 1: Requirement Analysis

Project Title: **CalendarSync UA**

Group: Guilherme, Pedro, André, Diogo

Lab Class: P5

Introduction

CalendarSync UA

- Motivation:
 - We all struggle to manage all academic events.
 - Professors and students cannot access midterm exams.
- Brief contextualization and objectives:
 - CalendarSync UA is a website made for students/professors from University of Aveiro.
 - It can help in the management of deadlines/schedules from across platforms.
 - Near future: implemented inside eLearning.



Personas

CalendarSync UA

UA Teacher



Fictional name: José Gomes

Job title/ major responsibilities:
Teacher and Researcher

Demographics: 35 years old
& Ph.D. in Agricultural Economics



Goals and task:

- Set a new task with a deadline
- Change/remove a pre-released deadline

Environment: He is comfortable using a computer and is an active internet user. The connection to internet is stable and he is working for 2 hours long.

Personas

CalendarSync UA

UA Student



Fictional name: António Maria

Job title: Student

Demographics: 22 years old &
Bachelor in Design



Goals and task:

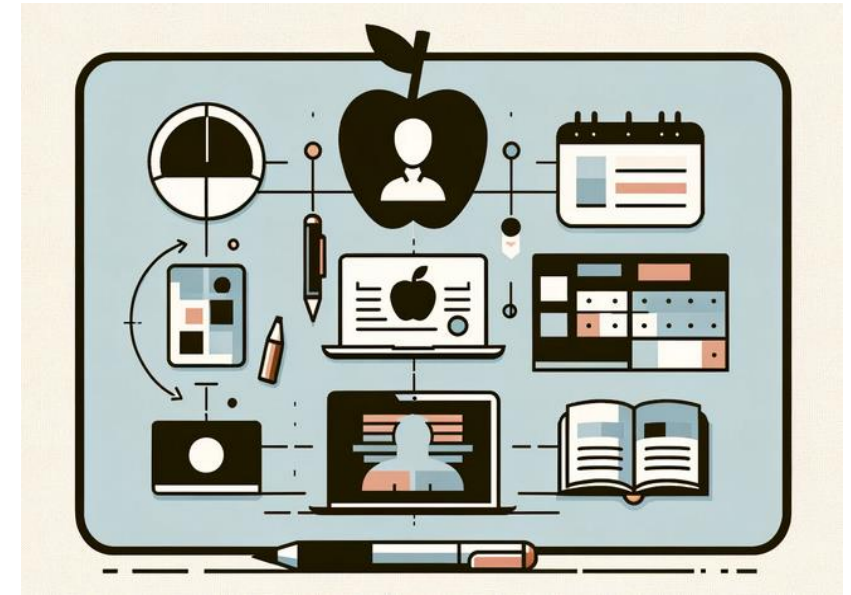
- View new tasks
- Export calendar

Environment: He is using the library internet with a stable connection to the internet. He is starting the work of its new project.

Scenarios

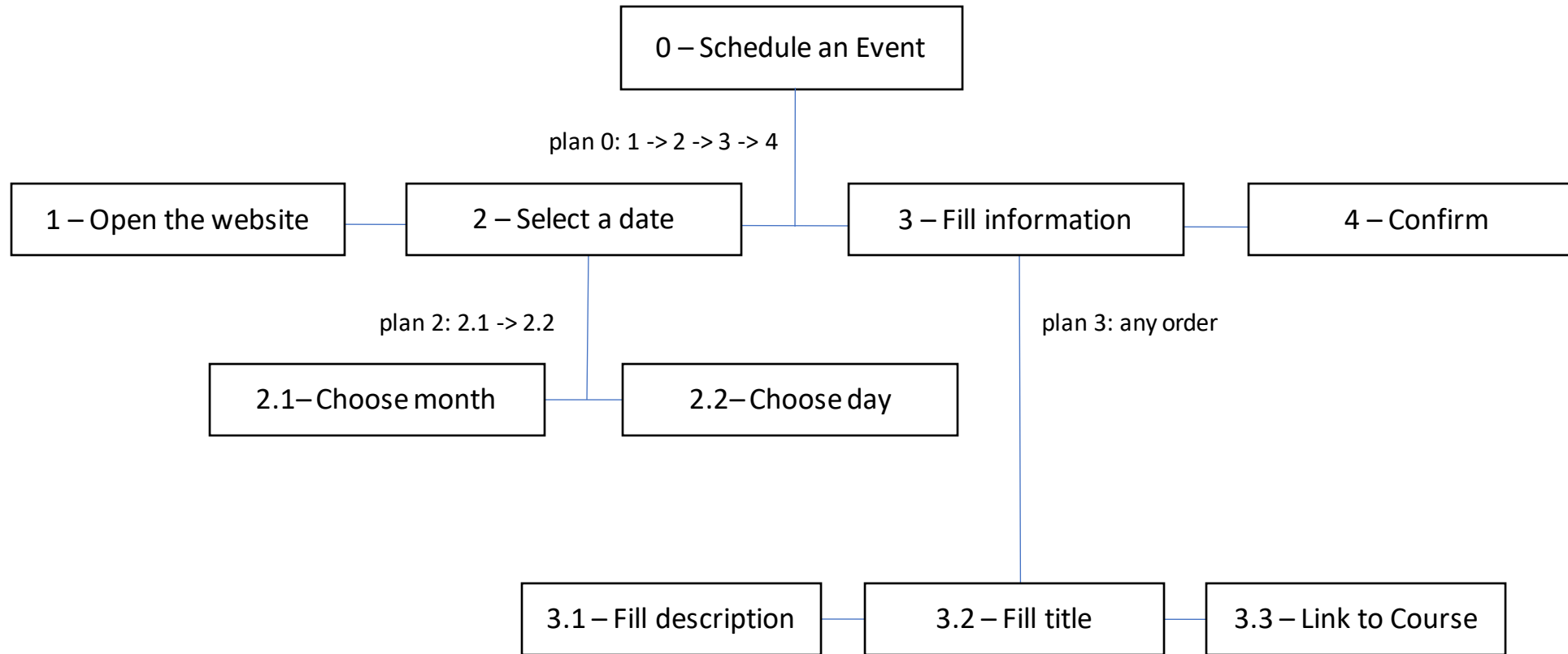
CalendarSync UA

- Teacher: José is seating at his home. He wants to schedule a midterm exam of "Algorithms" for all students of the course. To achieve this goal:
 - He goes to the web page.
 - He select a date.
 - And schedule it.
- Teacher: José is seating at his home. He wants to change the day of a currently assigned task. To achieve this goal:
 - He goes to the web page.
 - He select the task
 - And change the deadline
- Student: António is seating at Library. He wants to see how busy he is in the next week. To achieve this goal:
 - He goes to the web page.
 - Filter the new exams
 - Export to personal calendar



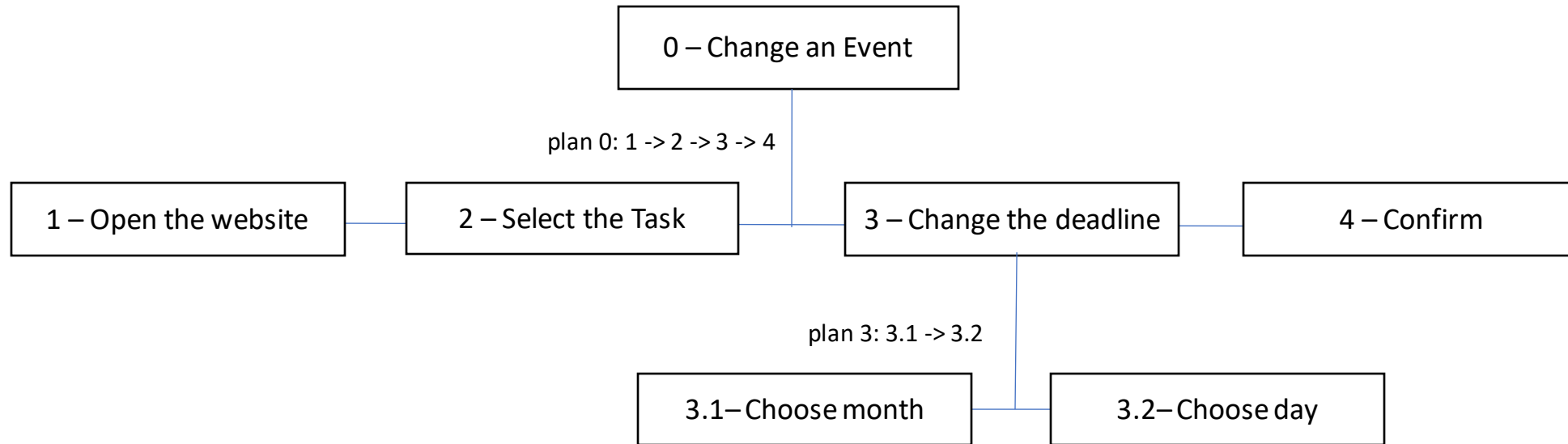
Tasks - teacher

CalendarSync UA



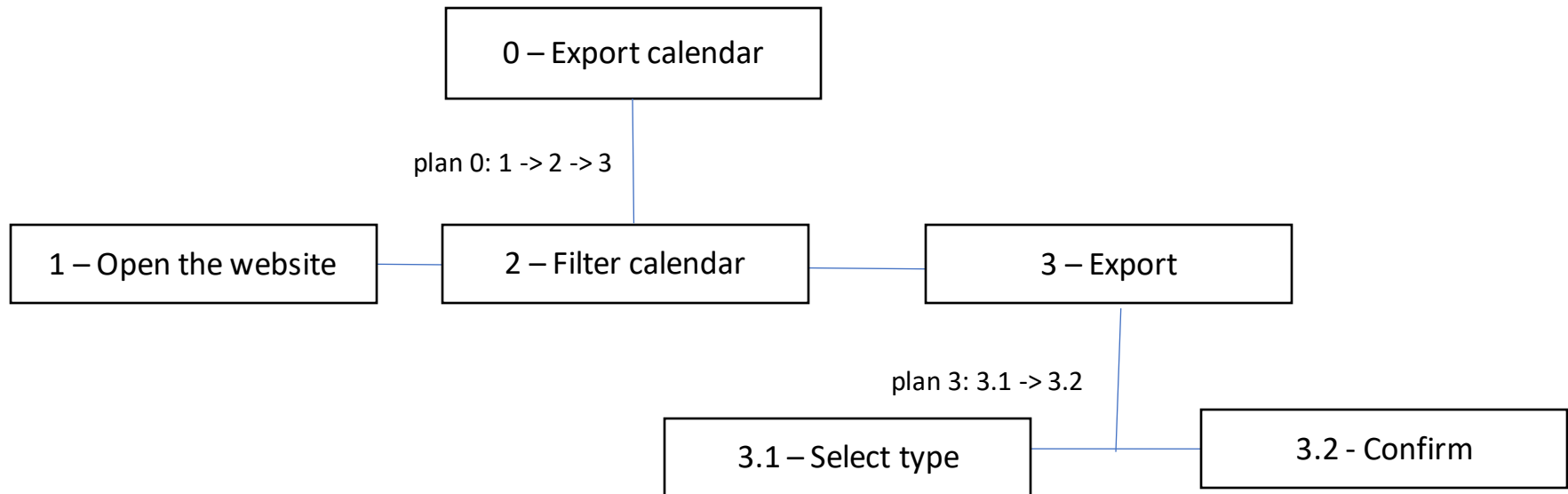
Tasks - teacher

CalendarSync UA



Tasks - student

CalendarSync UA



Requirements

CalendarSync UA

Non-functional requirements:

- Ease of Use
- Reliability and Availability
- Capacity and Scalability
- Portability

Functional Requirements:

- Application must synchronize with Paco and eLearning daily assignments
- Teachers should be able to set a new event
- Teachers should be able to change/remove current events
- User should have the possibility to filter the calendar
- User should have the possibility to import/export calendar



Next steps

CalendarSync UA

- What type of prototype are you considering?
 - A3 Paper
- How will you test it?
 - with students/teachers from UA (target users!)

