FACULDADE DE CIÊNCIAS E TECNOLOGIA
UNIVERSIDADE NOVA DE LISBOA

Interacção Pessoa-Máquina

2019/2020

Janus

Stage 3: 1st Prototype

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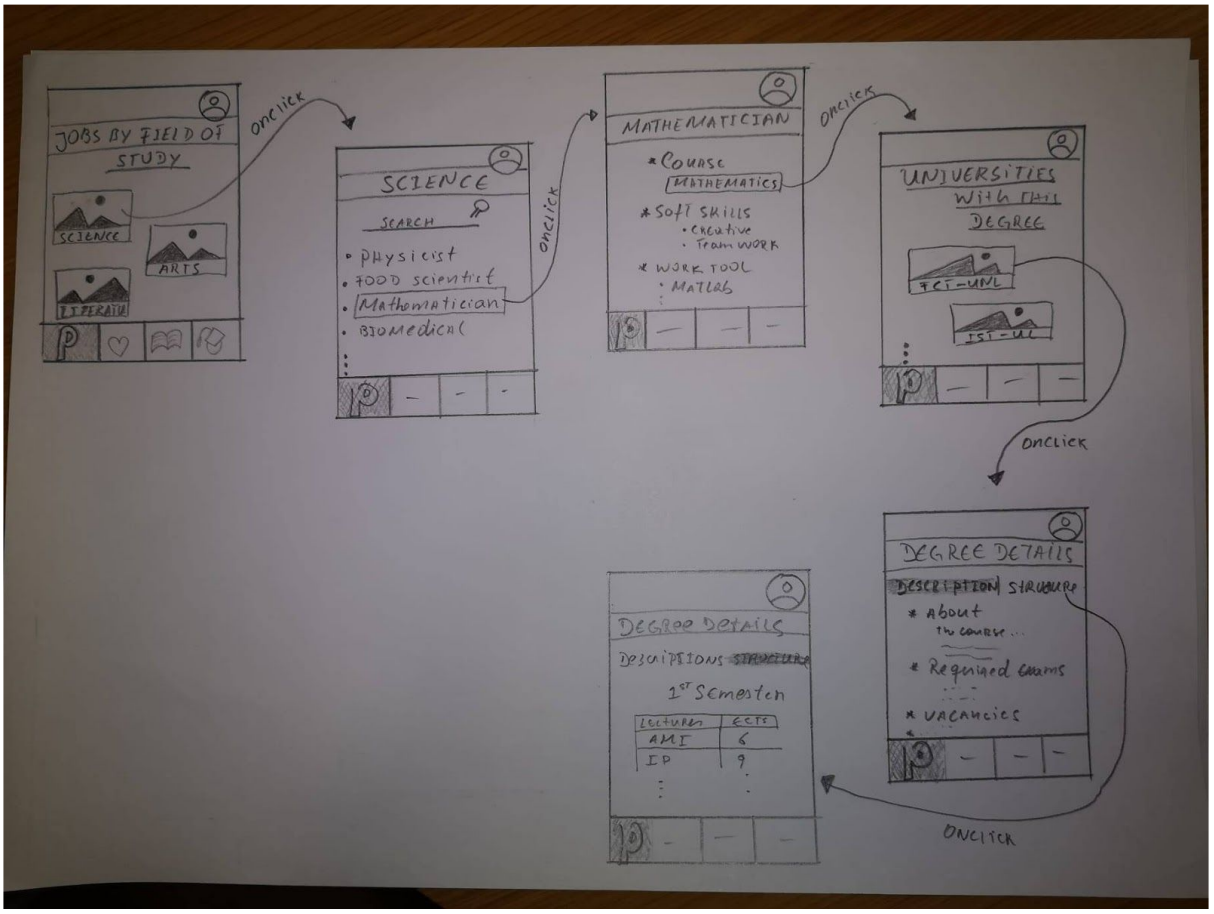
Lab class Nº P1

Teacher:
Teresa Romão

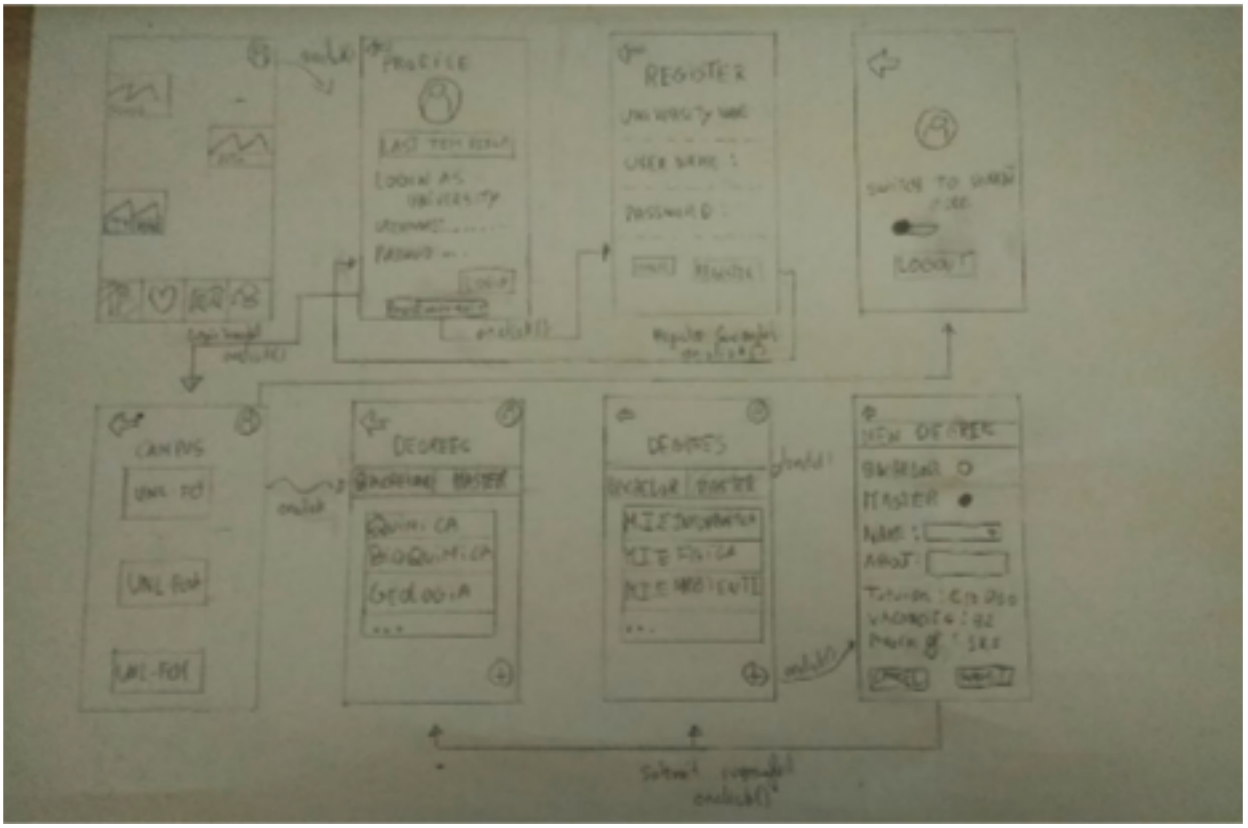
October 21, 2019

Sketches and scenario storyboard

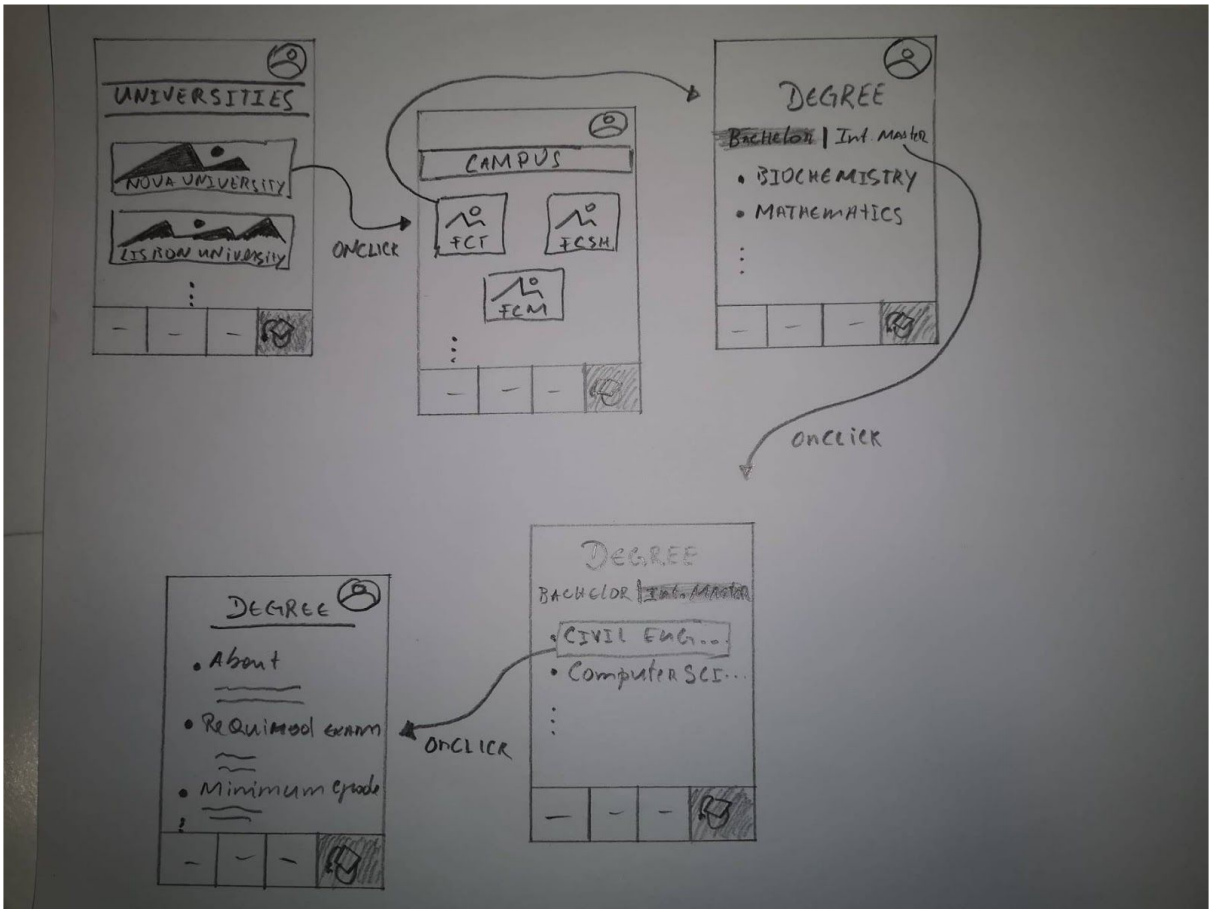
Sketches for scenario 1:



Sketches for scenario 2:

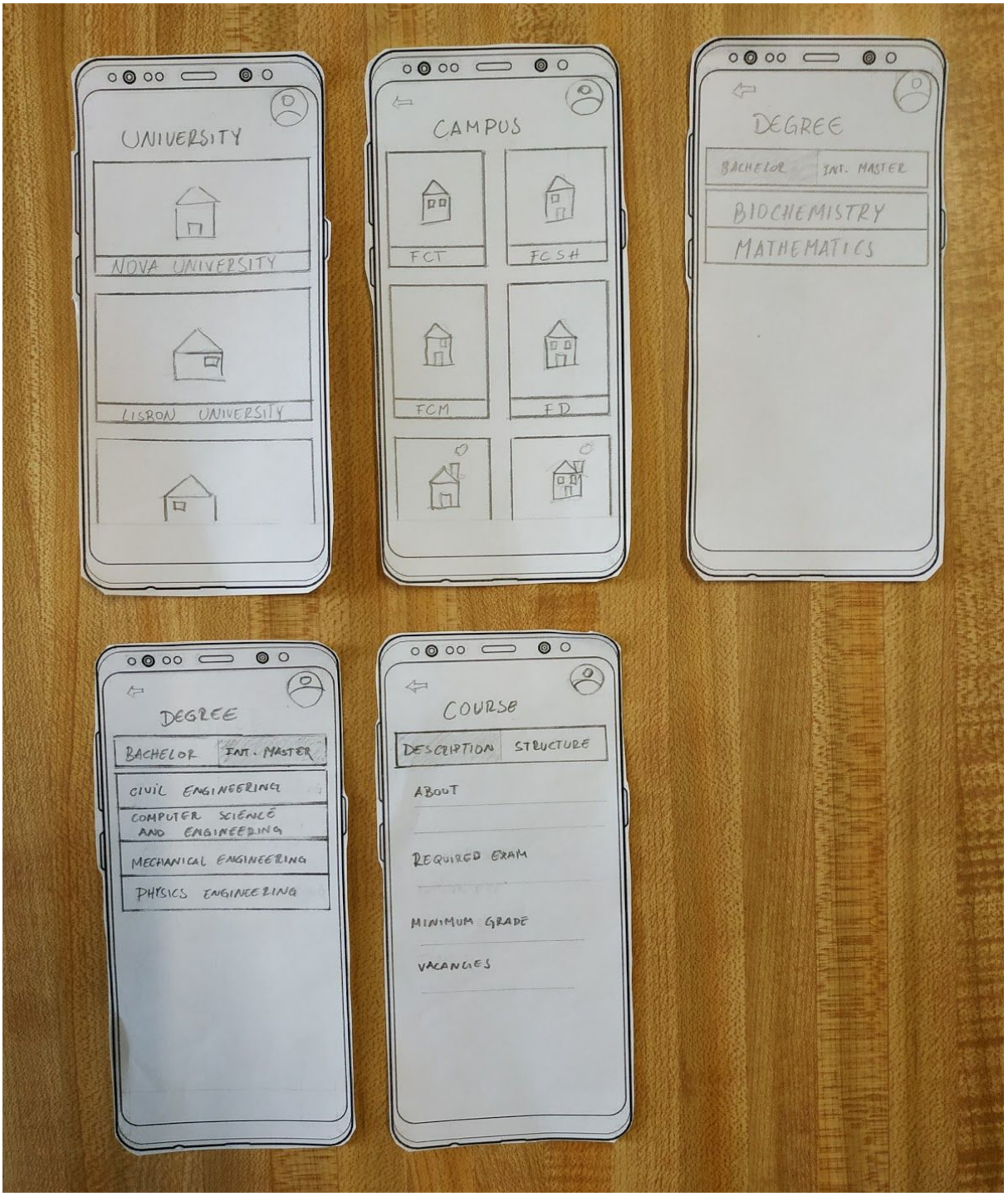


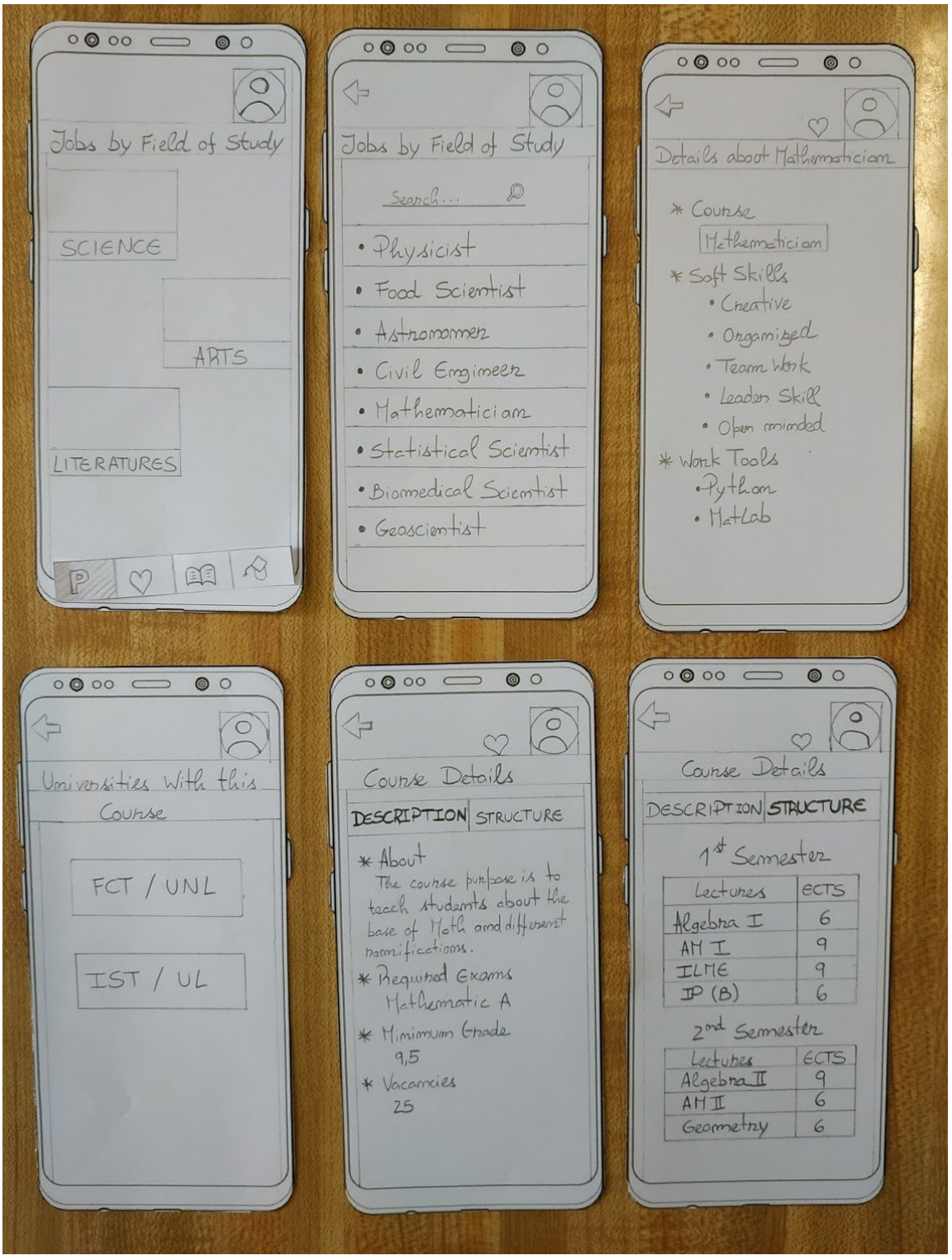
Sketches for scenario 3:

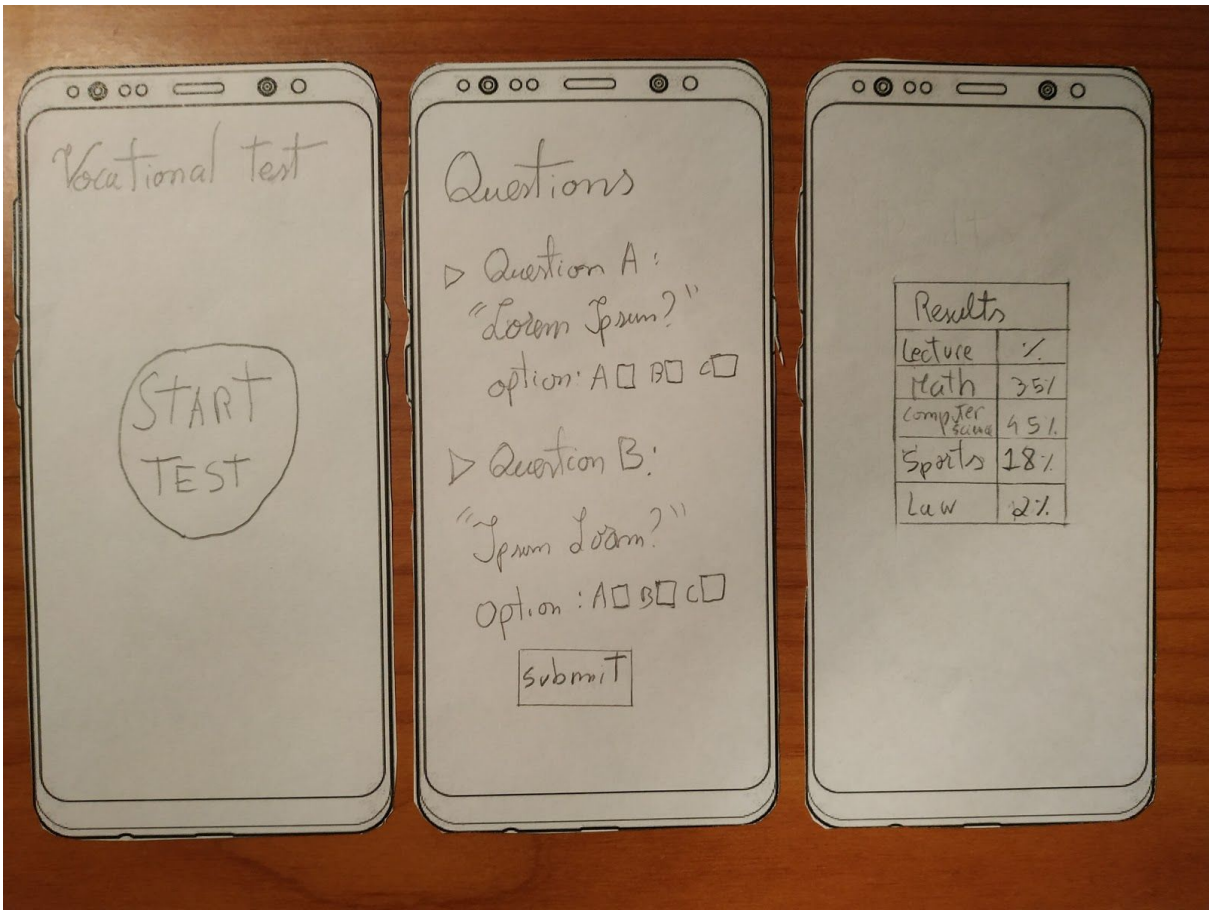


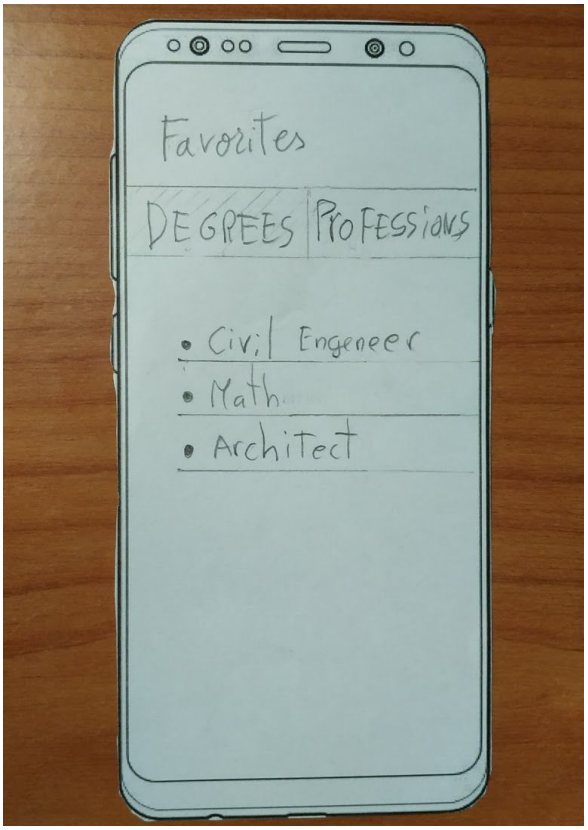
Prototype photos

Photos of the relevant pieces of our prototype.


UNIVERSITY
NOVA UNIVERSITY
LISBON UNIVERSITY
CAMPUS
FCT
FCSH
FCM
FD
DEGREE
BACHELOR
INT. MASTER
BIOCHEMISTRY
MATHEMATICS
DEGREE
BACHELOR
INT. MASTER
CIVIL ENGINEERING
COMPUTER SCIENCE AND ENGINEERING
MECHANICAL ENGINEERING
PHYSICS ENGINEERING
COURSE
DESCRIPTION
STRUCTURE
ABOUT
REQUIRED EXAM
MINIMUM GRADE
VACANCIES


Jobs by Field of Study
SCIENCE
ARTS
LITERATURES
P
Jobs by Field of Study
Search...
• Physicist
• Food Scientist
• Astronomer
• Civil Engineer
• Mathematician
• Statistical Scientist
• Biomedical Scientist
• Geoscientist
Details about Mathematician
* Course
Mathematician
* Soft Skills
• Creative
• Organized
• Team Work
• Leader Skill
• Open minded
* Work Tools
• Python
• MatLab
Universities With this Course
FCT / UNL
IST / UL
Course Details
DESCRIPTION STRUCTURE
* About
The course purpose is to teach students about the base of Math and different ramifications.
* Required Exams
Mathematic A
* Minimum Grade
9,5
* Vacancies
25
Course Details
DESCRIPTION STRUCTURE
1st Semester
Lectures ECTS
Algebra I 6
AM I 9
ILME 9
IP (B) 6
2nd Semester
Lectures ECTS
Algebra II 9
AM II 6
Geometry 6


Vocational test
START TEST
Questions
Question A:
"Lorem Ipsum?"
option: A B C
Question B:
"Ipsum Loam?"
option: A B C
submit
Results
Lecture %
Math 35%
Computer Science 45%
Sports 18%
Law 2%


Favorites
DEGREES
PROFESSIONS
• Civil Engeneer
• Math
• Architect

Briefing for the users

Our goal is to help students that have doubts about what they want to choose for college and also help 9th grade students what to choose in their school (science, art, economy, …).
We want to do this because it's a real life problem that we would like to be fixed, there's a lot of information but it's not easy to access and can be really confusing when you do not know how to face it. By changing that we can be the number 1 app when students want to know what to study and which path to follow in their future.
Another big goal for us is to make it simple for them to understand what the courses require by explaining them in a simple and interactive way.
If our users have doubts about what to study or be in the future, the app will provide simple test to guide them to the best courses, depending on the answers they give.
Our purpose is to help all kinds of students feel more secure about their choice and to make the information accessible to all in a simpler way.

Scenarios provided to the users

Scenario 1:
Janus purpose is to help students decide what course to choose when the time comes.
Imagine you are at the beginning of the 3rd period of the 12th grade and is undecided as to which course to take in college.
For this scenario purposes let's suppose you like math and science and you are interested in being a mathematic.
Notice also that you live near FCT college and that is your primary choice.
The goal is to see all details of a mathematic course in FCT.

Scenario 2:
Nova University intends to make its services widely known in order to be able to fill the largest number of vacancies for the next academic year. Looking forward to it, they came across with the Janus application. Once the application is available, NOVA user enters the "university" area where they can promote their services by presenting their formative offer in several areas of knowledge, with their appropriate subjects, annual fees and more information related to them. This year Nova University opened one more Master degree, aerospace engineering, and it intends to reach as many students as possible for the vacancies available by introducing it to the Janus database, thus allowing the future application users to find it and possibly reach their goals.

Scenario 3:
Janus, as an information system it helps students choose a career path providing adequate information about a broad variety of professions. Initially the information displayed is very abstract and it can get more specific with every step within the app.
John Doe has already decided to follow his father footsteps and go to FCT a Nova University campus to study Computer science and engineering, so he used the app to know a little more about the degree, wanting to know how many vacancies are available and the minimal grade to apply.

Observations

During the tests one of the problems found, probably the main one was that users had difficulty to understand what each icon in the navigation bottom bar meant and their functionality. So to solve this problem we came up with a few solutions which are to change the icons image and write their name under them so that can be easier to the users to identifying them or instead of using a bottom navigation bar is possibly to change it to a navigation drawer instead.

Another student pointed out that the path to see the course information was confusing to him because in our design we showed the professions information and only after we showed the course details. To solve this we decided to move the profession information to the same place where we show the course details (but only showing one at a time by selecting it).

Some of the students also advised us to change the login icon and/or placement, because it was not intuitive. We discussed as a team and decided that we need to show the user if he/she is logged in or not, we thought something like a green dot to show that it is logged in and a red dot otherwise.