

Applicazioni per dispositivi mobili
course
a.y. 2010/2019

TimeTable
Design documentation'

Team Members		
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Strategy

Product Overview

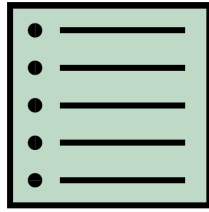
Timetable is an app that helps students of L'Aquila university to get access to their timetable of the classes they enrolled in, create notes, get news and announcements. Also, allows them to get information of their teachers.

Competitors

None

User Research

- Easy to access to Timetable
- Easy to get news and announcements
- Create notes about class
- Timetable customization
- Get information about teachers(contacts, office hours, courses)



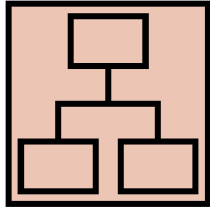
Scope

Features

- Login
- Display timetable of classes
- Display teachers info
- Timetable customization
- Create notes about classes
- News and announcements feed

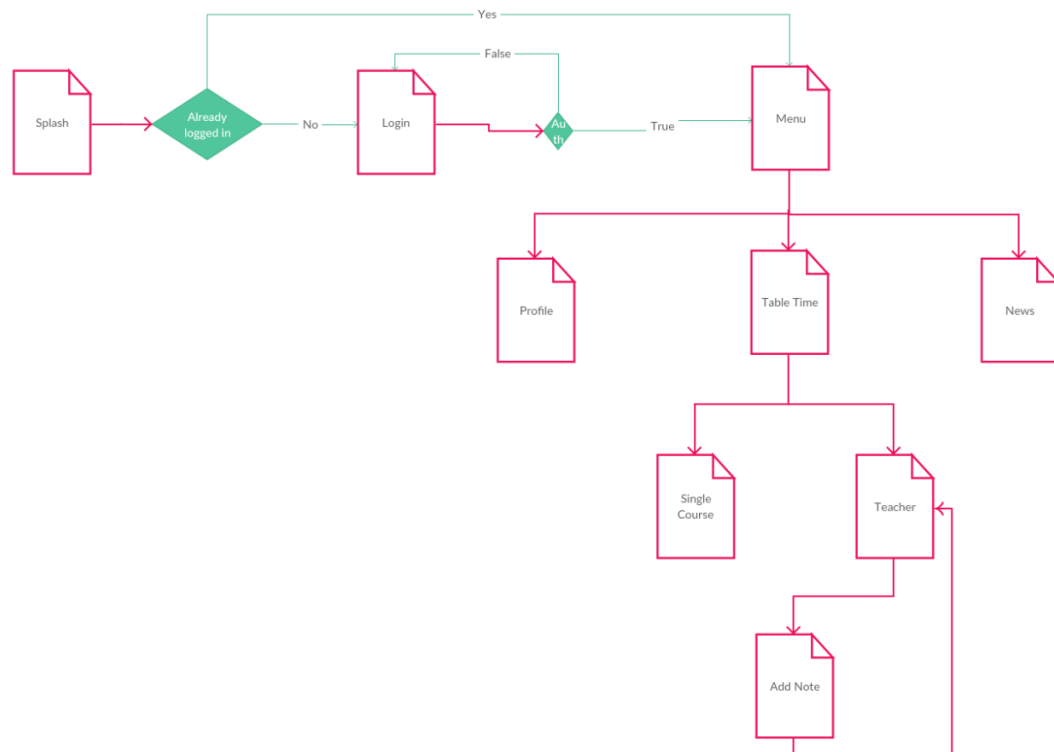
Scenarios

Before he is going to bed, the Students wants to see if he has lectures for tomorrow, so he opens the app and hits the timetable button, and he can see what lectures he should attend tomorrow. In next day when he is on his way to university, he forget in which room the class is, so he opens the app again to check the room number. Before the teacher finishes the lecture he gives some notes about the class, midterm date, assignments, links...etc, the student opens the app and goes to timetable and hits the class name, and from their he can create some notes to check later. When the student come home and try to take over view about the lecture he attend today, he wants to ask some questions to the teacher, so he decided to give the teacher a visit in his office during office hours, but he don't know the teacher's office hours, so he opens the app and hits the class, and then he hits the teachers name, from their he can see all teacher information including office hours. Before he is going to bed he checks the timetable for tomorrow and he discovers he has a lecture in the morning, but he receives a notification that the lecture has been postponed to next week.



Structure

Navigation model



Data

TimeTableAQ office_hours
id : int(11)
teacher_id : int(11)
day : varchar(11)
start_time : varchar(11)
end_time : varchar(11)

TimeTableAQ teacher
id : int(11)
name : varchar(11)
email : varchar(11)
phone : varchar(11)
office_hours_id : int(11)

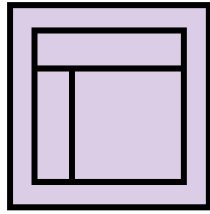
TimeTableAQ student
id : int(11)
username : varchar(11)
password : text
email : varchar(11)

TimeTableAQ timetable
id : int(11)
class_id : int(11)
day : varchar(11)
start_time : varchar(11)
end_time : varchar(11)
room : varchar(11)
building : varchar(11)

TimeTableAQ classes
id : int(11)
name : varchar(11)
teacher_id : int(11)
credits : int(11)

TimeTableAQ news
id : int(11)
news : varchar(500)
date : timestamp

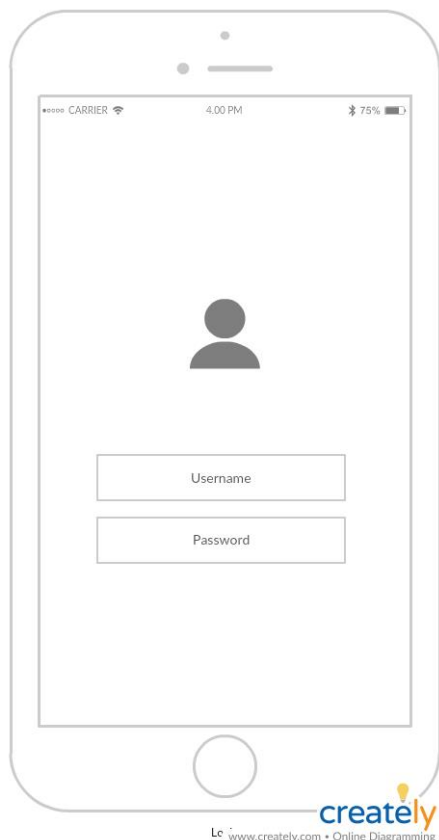
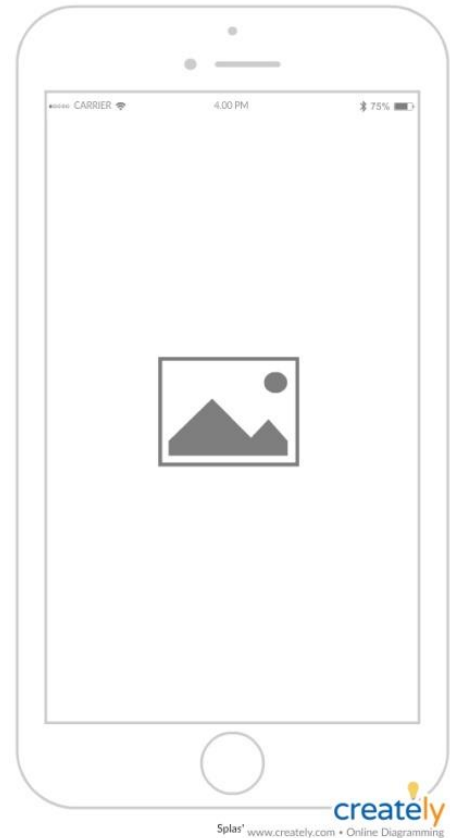




Skeleton

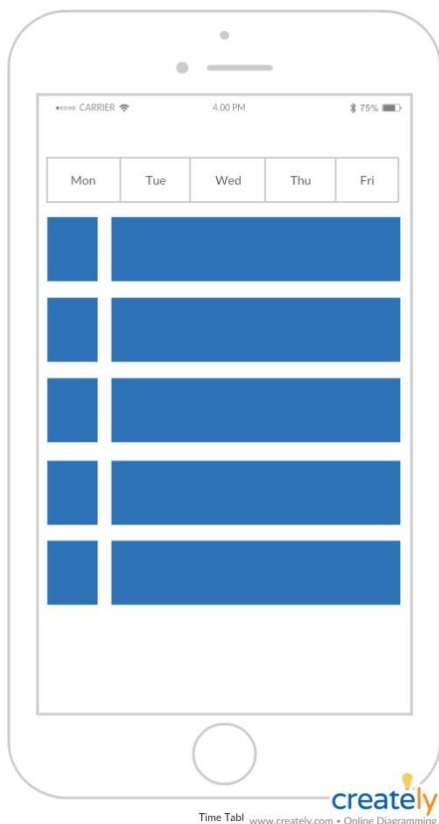


Splash: This first screen faces the student with he run the app, this screen displays the logo and the slogan of the app.



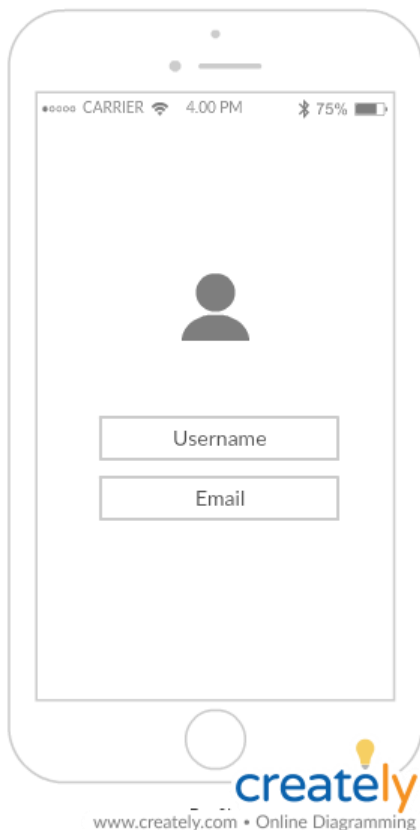
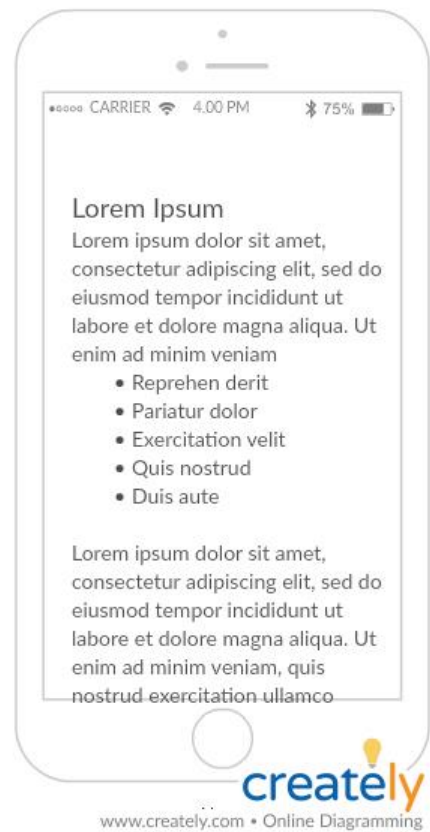
Login: This screen will show up if the users run the app for the first time, he have to put his student ID and password to be allowed to access the app, if he logged in successfully , his data will be stored in cache in order to reach the *Menu* screen easily next time without typing ID and password again. If the user already logged in -and that happens by checking the cache- the app will direct him to *Menu* screen.

Menu: After the student login successfully, this screen shows up. The screen has 3 buttons, *Timetable*, *News* and *Profile*, each button direct the student to different screen.



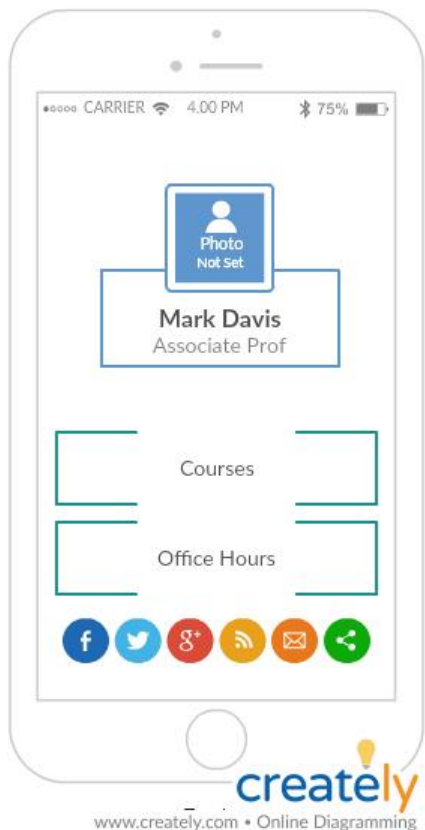
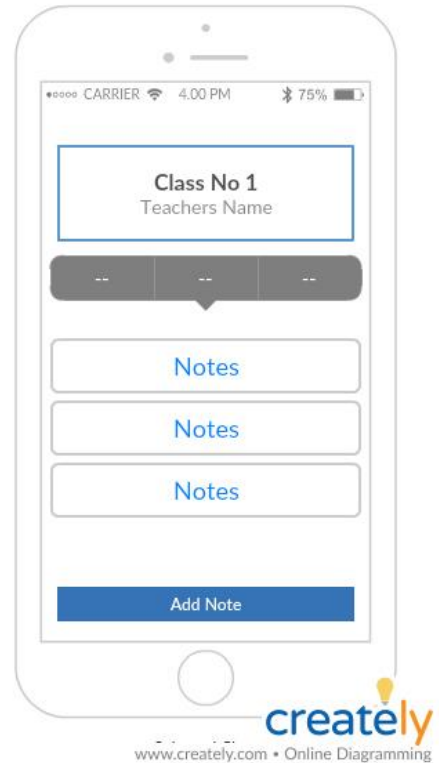
Timetable: This screen displays the whole timetable. The student can swipe between days using Tab view which holds the day of the week. Whenever he hits one of days tab, it displays a list of all lectures in that day with teachers name, time and place. Both the class name and teacher name text view has a clicking property (Clickable), where the class name text view direct him to *Selected class* screen, while teacher name text view direct him to *Teacher* screen.

News feed: This screen provide the student news feed and announcements of the university.



Profile: The student can see his ID and email in this screen, also he can use this screen to logout

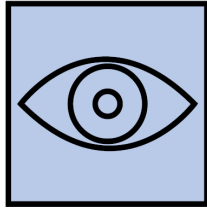
Selected Class: If the students hit on any class name in *Timetable* screen, this screen will show up. From this screen the student can see his previous notes about this class, or he can create new one using *Add note* button.



Teacher: if the student hit the professor name in timetable screen he will be directed here, from this screen he can see all the teacher info, name, courses he teaches, office hours and contacts.

Add Note: From this screen, the student can add notes to the selected class, if he hit add button he will be directed to selected class screen and the notes list will be updated with the new note, and if he hit cancel he will be directed also to selected class with nothing happened to the notes list.





Surface

Color

Red is the color of fire and blood, so it is associated with energy, strength, power, as well as passion and desire..



#B80A34

Font

Lato is a sans serif typeface family started in the summer of 2010 by Warsaw-based designer Łukasz Dziedzic (“Lato” means “Summer” in Polish). In December 2010 the Lato family was published under the Open Font License by his foundry tyPoland, with support from Google. I choose this color because it’s so simple, and I like my designs simple.

Glyph



Characters

ABCĆDEFGHIJKLMNOPQRSŠTUV
WXYZŽabcćdefghijklmnopqrsštuv
wxyzž1234567890‘?’“!”(%)[#]{}@}/
&\<-+÷×=>®©\$€£¥¢:;,.*

8.87B, Number of times Google Fonts API served Lato. Lato is featured in more than 10,000,000 websites.

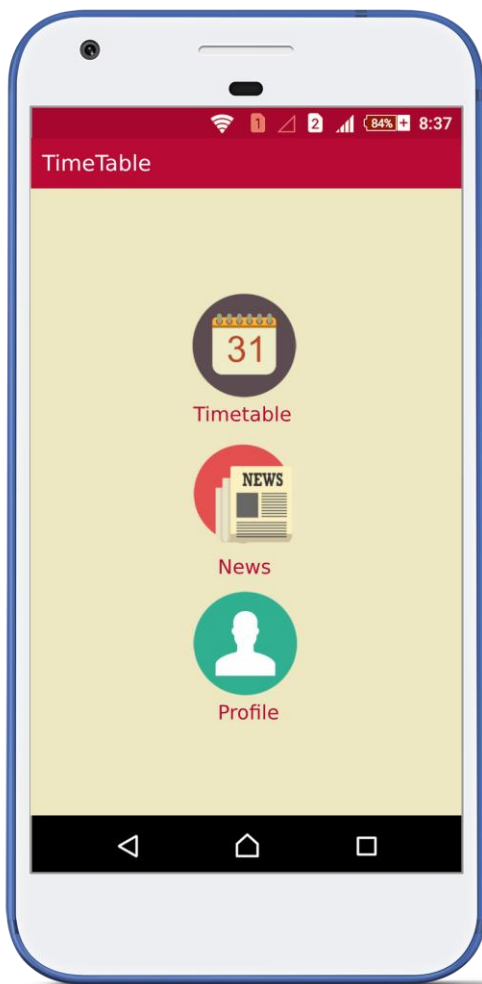
Logo

The logo inspired by the name of the City “L’Aquila” and the logo of the university, I put Eagle shape which represents the city of L’Aquila, and calendar shape which reflects the features of the app.

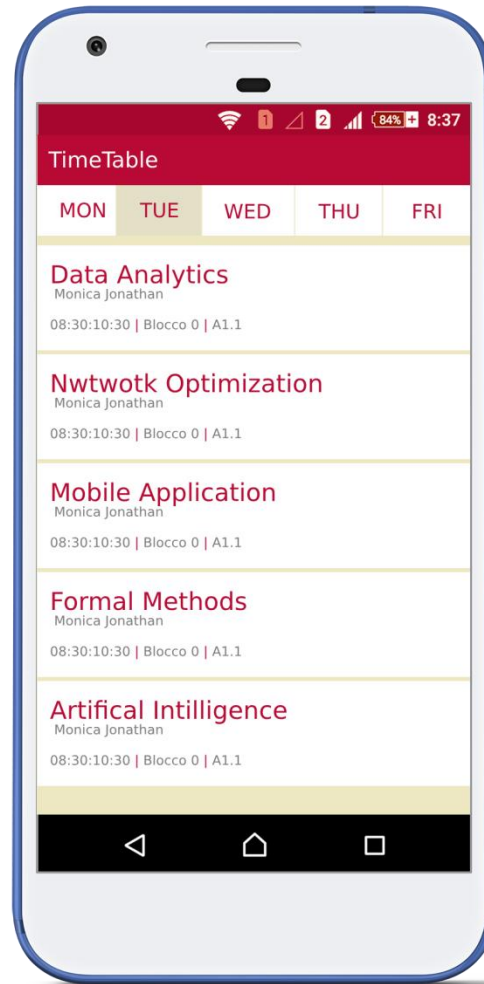
I collected the elements of the logo under free license from:

www.freepik.com

www.iconfinder.com



Menu Screen



Timetable Screen