

Website Game

*This game is a **simulation**. You do not need to produce anything, you do not need computers, etc. All you need to do is cross some boxes, and respect the constraints.*

Rules

You are working in teams of ~7 people. Each one of you will have one or more roles to play. Each role is linked to a list of tasks. Each task requires other tasks to be done before. When all the tasks are done / all the properties are fulfilled, the website is ready to be delivered.

Your goal is to deliver the website as soon as possible. In order to do so, you will apply the Agile and Scrum method we saw in the lecture :

- you will define the sprints and what product/functionality(ies) is to be delivered at the end of each sprint (*i.e.*, what tasks you will need to “achieve” each sprint).
- you will make appointments with the client (*i.e.*, me) to deliver those products.
- you will manage the tasks executions during the weeks according to the different roles and constraints, and according to the Agile method organization (*i.e.*, try to respect the roles of the scrum master mainly).

The idea is that you simulate a team project over a few weeks.

Constraints :

- One person/role can only do one task at the time. If somebody has a double role, he can do one task of the one role and one task of the other role at the same time.
- Each team will have 5 developers that can do a front-end task, or a back-end task.
- The CEO and Communication manager will be managed by the same person.
- You will have some time to define the sprints, then you will have to run it. By defining the sprints, I mean giving the description of the product to be delivered by the end of each sprint and the list of functionalities (or the list of user stories) to be done during each sprint. You will have to estimate the duration of each sprint.
- You have to complete a table to register the tasks your team makes each day.

Context

You were contacted by a client to deliver a website.

- This website is an insurance website that should enable a regular user to access its under treatment requests, to access its completed requests, and to create a new request.
- It should enable a staff member to work on the ongoing requests they were affected to, and to see the requests they were affected to that are currently in their waiting list.
- Moreover, the website has the basic properties of a lot of websites : a login page, a profile page with all the personal data of the user, and a parameter page.

Overview of the website

LOGIN PAGE

- login form (username, password)
- button to create an account → leads to the **CREATE ACCOUNT PAGE**
- button to reset the password if forgotten → leads to the **FORGOTTEN PASSWORD PAGE**

USER MAIN PAGE “Welcome to your personal space”

- button to access to the under treatment files → leads to the **UNDER TREATMENT REQUESTS PAGE**
- button to make a new request → leads to the **NEW REQUEST PAGE**
- button to access to the completed requests → leads to the **COMPLETED REQUEST PAGE**

STAFF MAIN PAGE “Welcome to your personal space”

- button to access to the waiting affected files → leads to the **WAITING AFFECTED REQUESTS PAGE**
- button to access to the ongoing files → leads to the **ONGOING REQUESTS PAGE**
- management tools

PROFILE PAGE

- personal data
- button to update the personal data → leads to the **UPDATE PERSONAL DATA PAGE**

PARAMETERS PAGE

- Notification management (checkboxes)
- Language management (drop-down menu)
- button to change the password → leads to the **CHANGE PASSWORD PAGE**

Functionalities

They are ordered by pages, not by priority. You may define other functionalities.

Functionality	Requires
F1 - Test the <i>login</i>	FD1, BD2
F2 - <i>Login</i> OK	FD1, BD4, F1
F3 - <i>Create an account</i> OK	FD2, BD4, F2
F4 - Test <i>forgotten password</i>	FD3, BD2
F5 - <i>Forgotten password</i> OK	FD3, BD4, F4
F6 - Test <i>login page</i>	F1, F4
F7 - <i>Login page</i> OK	F2, F3, F5, F6
F8 - Test access <i>under treatment requests</i>	FD5, BD3
F9 - <i>Under treatment requests</i> OK	FD5, BD6, F8
F10 - Create a <i>new request</i> OK	FD6, BD6
F11 - Test access <i>completed requests</i>	FD7, BD3
F12 - <i>completed requests</i> OK	FD7, BD6, F11
F13 - Test <i>user main page</i>	F8, F11
F14 - <i>User main page</i> OK	F13, F9, F10, F12
F15 - Test <i>staff main page</i>	F17, F19
F16 - <i>Staff main page</i> OK	F15, F18, F20, F21
F17 - Test access <i>affected requests</i>	FD9, BD3, BD2
F18 - <i>Affected requests</i> OK	FD9, BD4, BD6, F17
F19 - Test <i>ongoing requests</i>	FD10, BD3, BD2
F20 - <i>Ongoing requests</i> OK	FD10, BD4, BD6, F19, F21
F21 - Management tools OK	FD10, BD7
F22 - <i>Update personal data</i> OK	FD12, BD10
F23 - Test <i>profile page</i>	FD11, BD2
F24 - <i>Profile page</i> OK	FD11, BD4, F22, F23

F25 - Change the language OK	FD13, BD9
F26 - Notification management OK	BD8, FD13
F27 - Test <i>change password</i>	FD14, BD2
F28 - <i>Change password</i> OK	FD14, BD4, F27
F29 - Test <i>Parameter page</i>	F26, F27
F30 - <i>Parameter page</i> OK	F25, F26, F28, F29

Communication Manager (1)

Tasks	Requires	Time needed
C1 - Make an appointment (client)	/	5
C2 - Make an appointment (translator)	/	5
C3 - Take part to an appointment (client)	C1 -- with CEO1, UX15	0.5
C4 - Take part to an appointment (translator)	C2 -- with CEO2	0.5

CEO (1)

Tasks	Requires	Time needed
CEO1 - Take part to an appointment (client)	<i>Not doable alone</i>	0.5
CEO2 - Take part to an appointment (translator)	<i>Not doable alone</i>	0.5

UX Designer (1)

Tasks	Requires	Time needed
UX1 - Design of the login page	/	0.5
UX2 - Design of the create an account page	/	0.5
UX3 - Design of the forgotten password page	/	0.5
UX4 - Design of the user main page	/	1
UX5 - design of the under treatment requests page	/	1
UX6 - Design of the new request page	/	0.5
UX7 - Design of the completed requests page	/	0.5
UX8 - Design of the staff main page	/	1
UX9 - Design of the waiting affected requests page	/	0.5
UX10 - Design of the ongoing requests page and the management tools	/	1.5
UX11 - Design of the profile page	/	1
UX12 - Design of the update personal data page	/	0.5
UX13 - Design of the parameter page	/	1
UX14 - Design of the change password page	/	0.5
UX15 - Take part to an appointment (client)	<i>Not doable alone</i>	0.5

Frontend developer (part of 5 🏃)

Tasks	Require	Time needed
FD1 - Dev. of the login page	UX1, BD2	4
FD2 - Dev. of the create an account page	UX2, FD1	2
FD3 - Dev. of the forgotten password page	UX3, FD1, BD2	1
FD4 - Dev. of the user main page	UX4, BD2, BD3	4
FD5 - Dev of the under treatment requests page	UX5, FD4, BD2, BD3	2
FD6 - Dev. of the new request page	UX6, FD4, BD2	2
FD7 - Dev. of the completed requests page	UX7, FD4, BD2, BD3	1
FD8 - Dev. of the staff main page	UX8, BD2, BD3	4
FD9 - Dev. of the waiting affected requests page	UX9, FD8, BD2, BD3	2
FD10 - Dev. of the ongoing requests page and the management tools	UX10, FD8, BD2, BD3	4
FD11 - Dev. of the profile page	UX11, BD2	3
FD12 - Dev of the update personal data page	UX12, FD11, BD2	1
FD13 - Dev. of the parameter page	UX13, BD2	1
FD14 - Dev. of the change password page	UX14, FD13, BD2	1

Backend developer (part of 5 🐼)

Tasks	Requires	Time needed
BD1 - Dev. of the user databank	BD2	3
BD2 - Dev. of prototype users	/	0.5
BD3 - Dev. of prototype requests	BD2	0.5
BD4 - Dev. of the link between the frontend and the user databank	BD1, FD1	2
BD5 - Dev. of the requests databank	BD4, BD3	3
BD6 - Dev. of the link between the frontend and the request databank	BD5, BD4, FD4	2
BD7 - Dev. of the management tools actions	BD2, BD3, FD10	2
BD8 - Dev. of the notification management button action	BD4, BD6, FD13	1
BD9 - Dev. of the language choice action	BD2, FD1 to 14, BD11	0.5
BD10 - Dev. of the update personal data action	BD4, FD12	1
BD11 - Dev. of the lexicon (when more than one language is supported)	C4	2

UX Designer (1)

Information

Tasks	Requires	Time needed
UX1 - Design of the login page		
UX2 - Design of the create an account page		
UX3 - Design of the forgotten password page		
UX4 - Design of the user main page		
UX5 - design of the under treatment requests page		
UX6 - Design of the new request page		
UX7 - Design of the completed requests page		
UX8 - Design of the staff main page		
UX9 - Design of the waiting affected requests page		
UX10 - Design of the ongoing requests page and the management tools		
UX11 - Design of the profile page		
UX12 - Design of the update personal data page		
UX13 - Design of the parameter page		
UX14 - Design of the change password page		
UX15 - Take part to an appointment (client)		

Frontend developer (part of 5 🏃)

Information

Tasks	Require	Time needed
FD1 - Dev. of the login page		
FD2 - Dev. of the create an account page		
FD3 - Dev. of the forgotten password page		
FD4 - Dev. of the user main page		
FD5 - Dev of the under treatment requests page		
FD6 - Dev. of the new request page		
FD7 - Dev. of the completed requests page		
FD8 - Dev. of the staff main page		
FD9 - Dev. of the waiting affected requests page		
FD10 - Dev. of the ongoing requests page and the management tools		
FD11 - Dev. of the profile page		
FD12 - Dev of the update personal data page		
FD13 - Dev. of the parameter page		
FD14 - Dev. of the change password page		

Backend developer (part of 5)

Information

Tasks	Requires	Time needed
BD1 - Dev. of the user databank		
BD2 - Dev. of prototype users		
BD3 - Dev. of prototype requests		
BD4 - Dev. of the link between the frontend and the user databank		
BD5 - Dev. of the requests databank		
BD6 - Dev. of the link between the frontend and the request databank		
BD7 - Dev. of the management tools actions		
BD8 - Dev. of the notification management button action		
BD9 - Dev. of the language choice action		
BD10 - Dev. of the update personal data action		
BD11 - Dev. of the lexicon (when more than one language is supported)		