


Section 1: Team members data, preferences, and expectations

Name of team member	Roles			Grade expectations		Preferred times for...		
	Natural roles	Preferred tasks	Why (any special skill?)	Minimum grade	Expected grade	Extra meetings	Work habits	Scrum master preferred week
Nicoara Daniel	Coordinator	>I am ready to pick up any task that is needed to complete the team, but it will take some time for me to learn it. >Leader	>I am not very tech-savvy but I will do the necessary to get the project done > I have experience leading a project and have been practicing this skill for a while	6	8	In the evening, usually after 17:30	>I tend to work best when the objective is very clear. > Given some breaks I can work till late.	week 2,3
	Shaper							
	implementer							
Bart Aarts	Coordinator	Keeping focus on the team's objectives	When things are not going as it is supposed, I tend to stay positive.	6	7	Not any preferred time	I need a short break every two hours to keep my focus	week 10, 11
	Team Worker							
	Resource investigator							
Krzysztof Wiesniakowski	resource investigator	I would like to work with retrieving the data from databases	I don't know that much of databases but I like challenges and I want to learn	6	7.5	preferably in the morning after the hard workout :)	I can work a lot but I like to take brakes in order to stay productive	week 4,5
	coordinate							
	team worker							
Mohamed Mohamedin	Team Worker	working on the java, javaScript, (HTML and CSS) part of the project.	i predict that i would be more productive at this field more than any other one	6	7.7	i would be available anytime but preferably anytime after 13:00	if i writing a specific program part i prefer to finish it all instead of	week 8,9
	plant							
	Resource investigator							

							taking a break in the middle of the work	
Cristian Maftai	Implementer	Focusing on my tasks and of course helping my group mates if they need to and if I can	I really like the project's topic, so I'll try to do my best and develop skills in this domain.	6	7.8	Every time is required to have an extra meeting	I like working with the group, but sometimes I need short breaks to maintain my productivity and good qualitative results	week 6,7
	Team worker							
	Plant							

Section 2: Project Goals

The work team has agreed to work towards the following main objective

	<i>To plan, design, implement, test, and delivery a web application for the company "Topicus" that includes answering questions related to the database, working without any problems, and calculating the risk of giving a loan to a customer in the time of 11 weeks</i>
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The main objective can also be understood as the following specific objectives:

Sub goal	S (Specific) What	M (Measurable) Up to	Attainable How	Relevant Why	Time Bound When	Effort
1	The system should be able to read MT490 files	The system should not make any mistakes handling an MT490 file.	Every edge case when reading such a file should be taken into account.	The general file type MT940 can be exported from the online banking environments at every Dutch bank.	By the end of the module	40
2	The app should be able to store the data in the database.	The app should be able to connect to the database without any problems	using SQL queries in Java code	the best way to store/manipulate a big amount of data with the way the data is linked to each other	By the end of the module	10
3	The app should be able to read data from the database	The app will be tested manually for the confirmation of this goal.	using SQL queries in Java code	all data of the application are stored in the database	By the end of the module	5
4	The system should keep track of the number of transactions	The app will store the number of transactions. It can be easily seen at anytime	The app will increment the number of transactions after every successful one and keep track of that	You can make a deeper analysis thanks to keeping the number of transactions	By the end of the module	8
5	Calculation of the risk of lending a loan.	The percentage of the risks when placing a loan.	We will have enough data to test our risk calculating algorithm	This way, banks can decide if making a loan	By the end of the module	40

			and we know enough maths to come up with a decent algorithm.	with the individual can take place or not.		
6	The app should be developed in Java, Python	You can easily see what language the app was coded in.	We will code the application in java.	It is a requirement mentioned by the client	By the end of the module	0
7	The application should be in English.	It can be easily seen if the application is in English.	We will make sure that we will only use English in our application.	As was mentioned during the interview, they want to increase business interactions with more foreign businesses.	By the end of the module	0
8	The code should be commented with explanations of our decisions.	The explanation of the code will be visually checked by a third party.	We should respect basic coding rules.	the code should be clear and understandable for everyone	By the end of the module	1
9	The app should be able to answer at least one question.	The company will judge us at the end of the project	Have a checker, related to our database to know that the information is indeed correct,	Security measures are taken into account by banks when making a loan with an individual and to prove the identity of the customer.	By the end of the module	8
10	The app should give the client the possibility to login in and register.	Users should be able to successfully login	We will code it in the application	A user should be able to log in or register in order to access the functionalities of our application.	By the end of the module	8
11	Identity verification should be possible	Fraudulent login attempts should not be possible	There will be made a login page where a user has to enter a password	Impersonation should not be possible	By the end of the module	2

12	Account management should be possible	Data should be changeable	We will code it in the application	The user should be able to change information regarding his personal data and delete his account	By the end of the module	8
13	There should be a clear interface	The user does not have to spend a lot of time navigating through the application	Making tabs with subspaces	The user can easily understand our interface and navigate with no problems.	By the end of the module	5

Section 3: Behavioural rules

If the group encounters an internal problem that it cannot resolve in a negotiated manner, the group will go to this section to solve the problem through the following solution paths






Issue	Rule	After N times	Consequences of breaking the rule
Not attending the meetings	Let other teammates know in advance if you can not attend a meeting on time.	3	We will have a discussion about why this is occurring and how it could be solved together.
		3+ in case we can not help our partner	We will ask the opinion of Dovydas Oziunas on what should be done to prevent this in the future.































		10 + most extreme case	We will contact the module coordinator to help us solve the problem.
Passive participation	Everybody has the right to give their opinion and also must do this.	4	If someone is in the background too much we encourage him to speak up to achieve complete team participation.
		7	If someone is in the background too much each teammate is responsible for addressing this so we can together look at where this problem comes from. E.g. someone is lost on some technical aspects.
		10 + most extreme case	We will contact the module coordinator to ask for a possible solution to the problem.
Not taking responsibility	Every team member is required to take responsibility for the project (also, when it's the turn of being a SCRUM master) and especially the tasks that the member has to complete.	2	If one of the members isn't taking responsibility for their role or task, we need to discuss why it happened this way and come to a conclusion.
		4	Notify the TA about this misbehavior.
		6	It's already serious, it's not fair to do a 5 people's job with only 4 people. Talking with the module coordinator about this situation.
Not delivering my work	Each team member should do their tasks.	1	If someone fails to do their task, he should mention this during a meeting to see what the problem is and if the team member requires help.
		3	If this issue occurs more often, we can discuss the issue with our group TA to see what is the best solution.
		5	If the task is too complicated, we assign the task to another member. If the member refuses to work in our team, we will contact the module coordinator to ask for a change in the team.
Someone quits the team	We set a meeting and we agree on distributing his work to the rest of us.	1	We inform the TA about the issue. We try to motivate our teammate







		2	Inform both TAs and figure out what should we do if someone quits As a team, we may have less minimal requirements since we are fewer members.
		3	Worst case scenario more than 1 group member quits, we have to inform the TAs and talk with the module coordinator to see
We don't have pizza after finishing the module.	We will meet and eat some pizza after we finish the module.	1	If someone is not able to participate, we will organize another pizza meeting when everyone will be able to participate.
		2	If someone is not able to participate, we will organize another pizza meeting when everyone will be able to participate.
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Section 4: Commitments

Each member of the team has expressed their agreement with this contract and each of their commitments and that is collected in the following table:

COMMITMENTS		Team members signal				
		1	2	3	4	5
C1	I will stick to the rules in this group contract and respect the consequences if this fails.					

C2	I will take my responsibility to strive for a sufficient grade.					
C3	I will actively participate.					
C4	I will respect the opinion of other team members.					
C5	I will let other team members know when I experience an issue I can't solve					
C6	I will tend to keep a positive attitude towards team members, even if they don't live up to your expectations.					
C7	I will attend meetings, even extra ones when needed.					

C8	I will ensure each team member feels valued.			Nicoara	Nicoara	
C9	I will make finishing the assignments before the deadline my priority			Nicoara	Nicoara	

IN FAITH OF WHICH, the Scrum master declares that all the team have read, agreed, and accepted all the conditions and commitments with the group written in this document that will be applied during module 4 Data & Information 2020/2021

	Supervisor			Scrum Master
				Nicoara
NAME:	Tugce Arican		NAME:	Daniel Nicoara
DATE:	23/04/2021		DATE:	23/04/2021