

ENOTOURISM PORTAL

TEAM MEMBERS

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Contents of the presentation



- What the project achieved and deficiencies
- Project risks
- Gantt Chart
- Work Breakdown Structure

Where the project achieved?

All Users

- Register
- Login
- Edit or delete account
- Search wineries by name
- Search wineries by country region
- Search wineries by activities which they offer
- Can see the winery calendar with activities set at specified time during working hours

Wine Taster

- Book a wine tasting in a winery
- Book a tour of the winery
- Book a process wine making activity
- See available time slots for specific activities in a winery
- Lecture about wine
- Book a tour with a guide
- Cancel its reservation



Winery Owner

- Upload data about winery
- Upload data about himself
- Add personal photo
- Add photos of wineries
- Add activities to the calendar
- Accept or reject a booking

Tour Guide

- Create tours
- Change his working location
- Upload info about itself
- Accept or reject a booking of the tour



Deficiencies

- Kids activities
- Toast to user
- Location



Project Risks and strategies to mitigate

A	B	C	D	E	F
	Risk	Category	Probability [1--3]	Impact [1--5]	Significance
			[1--3]	[1--5]	*
	Unpredicted errors/bugs	Technical	3	5	15
	System Crash	Operational	3	5	15
	Unauthorized parties accessing sensitive data	Technical and architectural	2	5	10
	Project team not familiarized with project	Information security	2	4	8
	Similarity of products on the market	Resource	1	3	3
	Wrongly defined project purpose and needs	Project planning	2	4	8
	G				
	Action				
	sample action to mitigate potential or resolve materialized risk				
	Defining schedule with enough time to provide working solutions				
	Creating backups and keeping them safe				
	Applying appropriate cybersecurity measures				
	Each team member suppose to share its own requirements and assumptions documentation should be possible to view analyzing the similarities and differences when compared to the existing market solutions and applying appropriate alterations.				
	Making sure the project is well defined with all its assumptions using well known techniques, charts, and templates				

Agile Gantt Chart

ID	Baseline1 Start	Task Mode	Task Name	Duration
1	NA	🚀?	Enotourism Project Plan	
2	Mon 10/3/22	🚀?	Elaboration of project concept	18 days
3	NA	🚀?	Description of the project goals	
4	NA	🚀?	Research the existing solutions and technologies	
5	Fri 10/21/22	🚀?	Elaboration of project concept	7 days
6	NA	🚀?	Discuss the project with Supervisor	
7	NA	🚀?	Gantt Chart	
8	NA	🚀?	Functional Requirements	
9	NA	🚀?	Non-Functional Requirements	
10	NA	🚀?	use-Case system Diagram	
11	NA	🚀?	Design of the Project	
12	NA	🚀?	Database Model	
13	Tue 10/25/22	🚀?	Construction of the Project	48 days
14	NA	🚀?	Implementation	
15	NA	🚀?	Front-End	
16	NA	🚀?	Back-End	

1/30/22	✖?	Documentation of the Project	14 days		
	✖?	Work BreakDown structure	1 day		
	✖?	Definition of Purpose and scope	1 day		
	✖?	Glossary	1 day		
	→	state of Knowledge in the project field	1 day	Wed 12/7/22	Wed 12/7/22
	✖?	▸ Preliminary Assumptions	2 days		
	✖?	High-level list of Requirements and users	1 day		
	✖?	Technology Selection	1 day		
	✖?	▸ Requirement Specification and analysis	3 days		
	✖?	Requirements Analysis	1 day		
	✖?	Requirement and Use-Case Diagram	1 day		
	✖?	List of Stories and their detail description	1 day		
	✖?	▸ Software Product Design	3 days		
	✖?	Architecture Design	0 days		
	✖?	Database Design	0 days		
	✖?	Design Patterns	0 days		
	✖?	diagrams behaviour definition	1 day		
	✖?	Tests/Results	1 day		
	✖?	Summary	1 day		
	✖?	▸ User Documentation	2 days	Wed 12/7/22	Thu 12/8/22
	✖?	Introduction			
	✖?	Installation			
	✖?	System Requirements			
	✖?	Installation Procedure			
	✖?	Description of implementation			
9/22	✖?	Testing	6 days		

Agile Gantt chart

Work breakdown Structure

1	Week	Task Name	Michal	Mahmut	Berkay	Burak
2	1	Set-up system	10	5	6	3
3	1	Over-all Structure	5	10	4	8
4	1	Create WireFrame	8	4	12	4
5	1	Research on the internet	8	9	3	6
6		*Front-end				
7	1	Create first draft with Vite and React	8	5	2	5
8	2	Project migration to nextjs	2	0	5	10
9	2	Generate components with mantine	5	8	5	4
10	2	Authentication routes	20	10	0	0
11	2	Extracting data on trpc and displaying it in related fields	15	15	10	10
12	3	Trpc mutations (POST query)	9	15	20	10
13	3	Home Page	15	0	20	0
14	3	Login and Register Page	8	15	15	8
15	4	Tours Page	12	10	20	15
16	4	Guides Page	10	10	0	20
17	4	Wineries Page	0	25	0	25
18	5	Countries Page	0	20	15	0
19	5	Regions Page	0	15	15	0
20	5	Sub Regions Page	5	15	15	5
21		*Dashboard				
22	5	Booking	20	10	0	5
23	6	Create tour	20	15	15	10
24	6	Profile	0	10	22	10
25	6	Reservations	0	16	15	0
26	6	Tours	25	15	15	20
27	6	Update profile	15	8	15	5
28	7	Your wineries	15	0	0	15
29	7	Your wines	18	0	0	10

30		*Back-end				
31	7	Preparation of project draft	6	8	5	6
32	7	Public and project draft	8	4	10	4
33	7	Database Schema by prisma	15	15	10	10
34	7	Endpoints with TRPC	20	15	15	6
35	7	Adjusting prisma queries by page	0	5	0	10
36	7	Database validation with Zod	0	0	20	5
37	8	Authentication with NextAuth	15	15	10	15
38	8	Image upload and servicing with supabase	10	10	15	15
39	8	Create mysql database on PlanetScale	25	22	15	20
40		*Testing				
41	9	Research on the internet for testing methods	0	0	0	15
42	9	K6.io (Load, throughput, bandwidth and performance test)	2	0	2	20
43	9	Postman (API test)	4	2	2	10
44	9	PlanetScale (Database performance, latency, p50 and p95)	4	2	2	18
45		*Documentation				
46	9	Purpose and scope of the project	10	5	5	5
47	9	Analysis of existing solution	5	10	5	5
48	10	Preliminary assumptions	10	10	10	8
49	10	Requirement specification and analysis	18	10	10	10
50	10	Software product design	0	0	25	0
51	10	Implementation	5	10	5	5
52	10	Test	0	0	0	15
53	10	Introduction	8	5	0	3
54	10	Installation	5	5	5	5

In Conclusion

As a conclusion, even though there are still functional requirements that we did not have a chance to implement due to lack of time, bad analyzing of risk and project estimation, we are still happy as a team that we have accomplished to implement most of the functional requirements to the client-side.

Self Evaluation

Although we split up the tasks into 4 groups of person and let the members focus on their own task , in most tasks we meet to discuss about solving the current issues. In my opinion as a group for this project, in final We had most of the functionalities that we declared at the beginning of the semester so that in my opinion we had excellent work in a short period of Time. During that time I generally more focused on making realistic estimations that we could implement as a requirement at the first stage. After some researches and declare the technologies we want to use, I generally focused on front-end and documentation parts and although without background knowledge I tried to learn and implement the some of the back-end part for this project. Such as creating wireframe, project migration to nextjs, login page, register page, wineries, software product design authentication with NextAuth so on.

thankyou.

Create WireFrame

Research existing solutions

Project migration to nextjs

First draft with vite and React

Authentication routes

Login Page

Register Page

Wineries

Database schema by prisma

Authentication with NextAuth

Software product design

Documentation