

17 May 2020

DM Final Report

Compliance with the requirements

The database meets the requirements:

- The database includes limits of attendees that are required due to COVID-19.
- Customers have a choice to choose or not to choose the age group.
- Customers have a choice to give or not to give a permission to store the data. If

customer prefers not to share personal data, then it is not possible to enroll and participate.

- The database includes enrollment date and time, so if somebody wants to cancel the enrollment, there is a possibility to choose somebody from the waiting list.
- Organizers' and participants' data are the same.

Customers can evaluate the tour in case if the consent to store data is positive.

Achievements and difficulties

Achievements:

- Extra knowledge was gained during the database physical design.
- The database meets technical requirements.

Difficulties:

- One transaction was not completed.
- We have changed the database several times due to complicated requirements.
- It was not clear at the first stages how to combine data, for example, about cancelling a tour and an enrollment as well as site evaluation.

Findings

- The project meets technical requirements and almost all the tests, except one, were completed successfully.
- If we could have a possibility to work on this project next time, we would prefer to spend more time on the searching for transactions examples as well as the examples of existing databases.

17 May 2020

Workload

Almost all the activities were done as a teamwork

Alexander Filippov		
Date	Time	Description
20/4/2020	2 hours	ER diagram draft
21/4/2020	20 minutes	ER diagram final version
22/4/2020	20 minutes	Relational schema and BCNF
25/4/2020	3 hours	DB diagram draft
25/4/2020	1 hour	DB diagram INSERT data
25/4/2020	1 hour	Test queries for checking the data
26/4/2020	2 hours	Final version of the DB diagram
03/5/2020	4 hours	Testing the database
10/5/2020	2 hours	Testing the database and final report
TOTAL	15h40min	
Erika Poldmaa		
Date	Time	Description
20/4/2020	2 hours	ER diagram draft
22/4/2020	30 minutes	Repository
25/4/2020	3 hours	DB diagram draft
25/4/2020	1 hour	DB diagram INSERT data
25/4/2020	1 hour	Test queries for checking the data
26/4/2020	2 hours	Final version of the DB diagram
03/5/2020	4 hours	Testing the database
10/5/2020	2 hours	Testing the database and final report
TOTAL	15h30min	
Viktoriia Khisanova		
Date	Time	Description
20/4/2020	2 hours	ER diagram draft
22/4/2020	30 minutes	Repository
25/4/2020	3 hours	DB diagram draft
25/4/2020	1 hour	DB diagram INSERT data
25/4/2020	1 hour	Test queries for checking the data
26/4/2020	2 hours	Final version of the DB diagram
03/5/2020	4 hours	Testing the database
10/5/2020	2 hours	Testing the database and final report
TOTAL	15h30min	