



İZMİR UNIVERSITY OF ECONOMICS

Department of Software Engineering

**SE 305: Software Specification and Design
FALL 2020**

Mid-Progress Report

Project Number: 09

Date: 12.12.2020

1. Project Members and Student IDs

1. Özgür Burak Bulut
2. Sıla Tekcan
3. Erşen Pamuk
4. Utku Durmuş

3. Project Proposal

SE 305 – SOFTWARE SPECIFICATION AND DESIGN PROJECT PROPOSAL

Project Name: Mobile Tourists

Group Members: Sıla TEKCAN, Özgür Burak BULUT, Erşen PAMUK, Utku DURMUŞ

Client: Özikizler Tourism – Özer Bür

Project Subject:

Many problems can occur while traveling. For instance; missing the bus, getting lost in the city, misunderstandings etc. In order to minimize these problems, we will build a trip planning system application for customers of Özikizler Tourism. This application will act as an artificial intelligence guide.

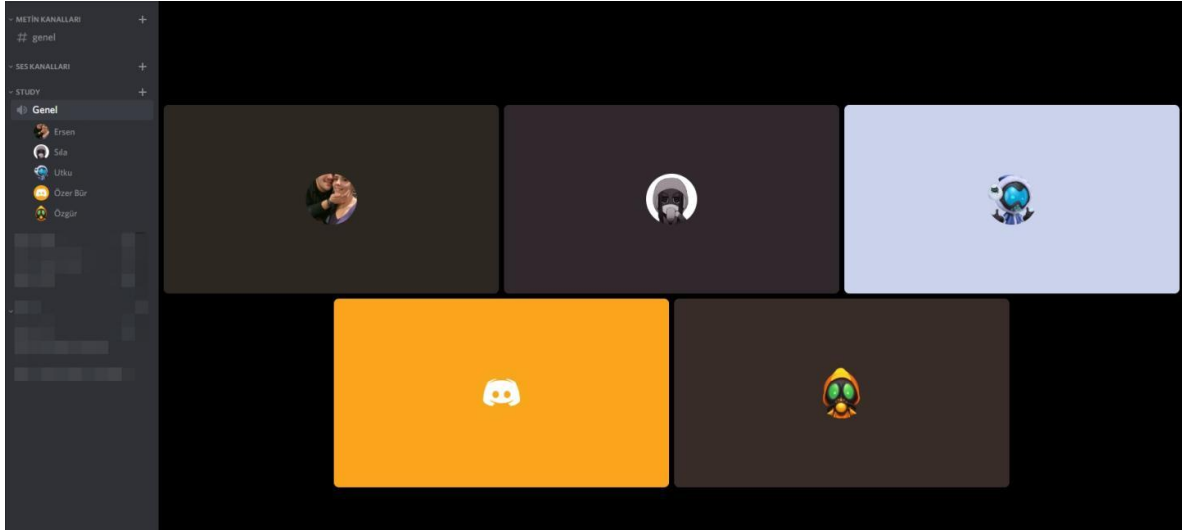
Users will register on the application with their personal information. This application will store users' data. Users will be able to see the tours in the application as a list and participate in these tours. The application will show all the contents of the tour like; arrival points, departure time, places to visit, landmarks etc. Users will be notified of their tour-related problems to the tour guide through the application. This application will facilitate the communication between the tour guide and the customers.

3. Client Information

Client Name: Özer Bür

Company: Özikizler Tourism

4. Client Meeting Photo



5. System Requirements

5.1. Functional Requirements:

1. Users will register on the application with their personal information (age, gender, name, surname, blood type, identity number).
2. Users will be able to manage their accounts' username, password, personal information.
3. Users will be able to see and apply for tours in the application.
4. Users will receive notifications about tour departure time, tour arrival time, tour breaks, etc. during the tour.
5. The company will be able to evaluate the letter of applications.

5.2. Non-Functional Requirements:

1. This application will store users' data.
2. This application will operate in Android 4.3 and updated versions, iOS 8 and updated versions of smartphones.
3. This application must be connected to Internet.
4. This application will show all the contents of the tour.
5. The system needs a well-maintained server.
6. This application will facilitate the communication between the tour guide and the user.
7. The system must be accessible after user login.

6. UML Diagrams

Diagram: Mobile Tourists UseCase Model

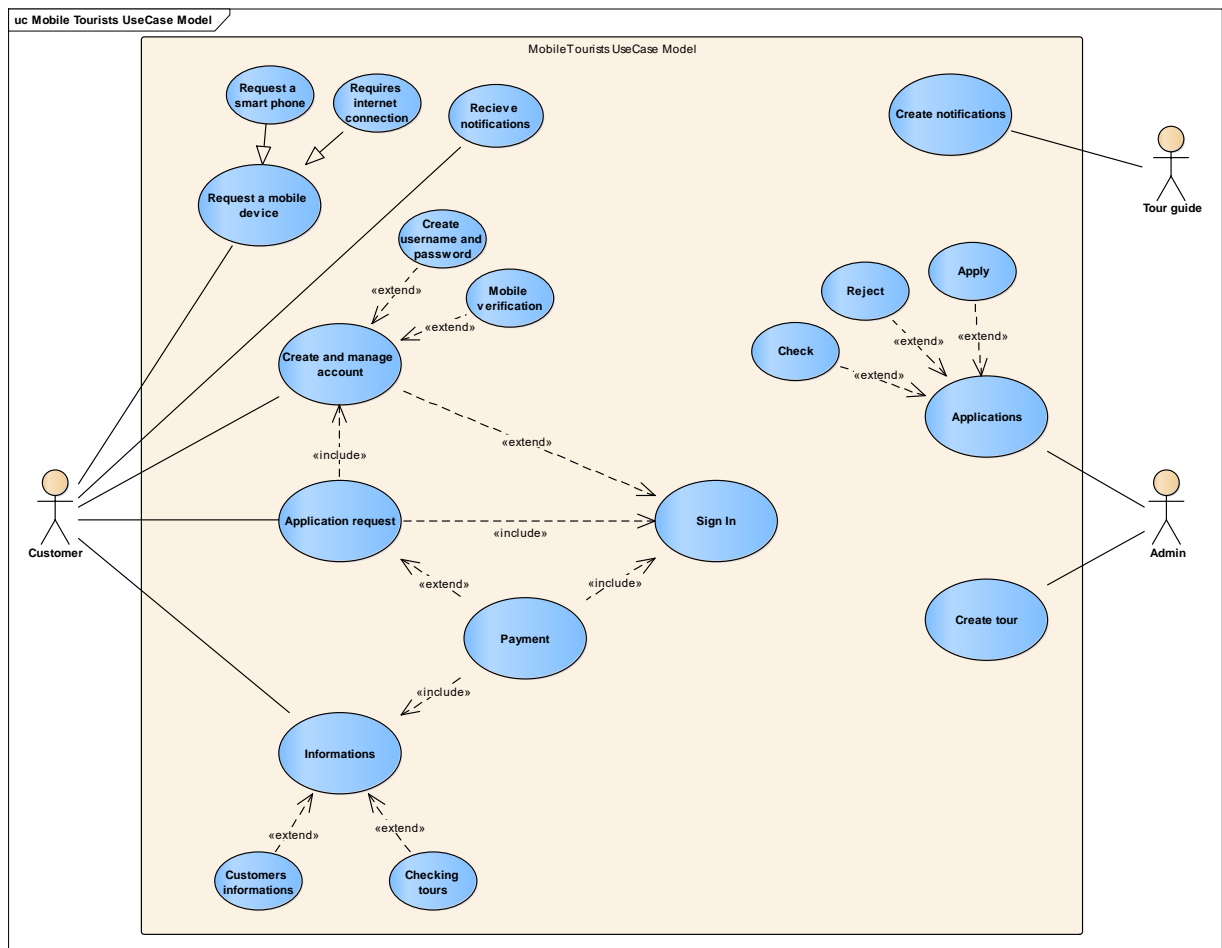


Diagram: 1. Users will register on the application with their personal information (age, gender, name, surname, blood type, identity number).

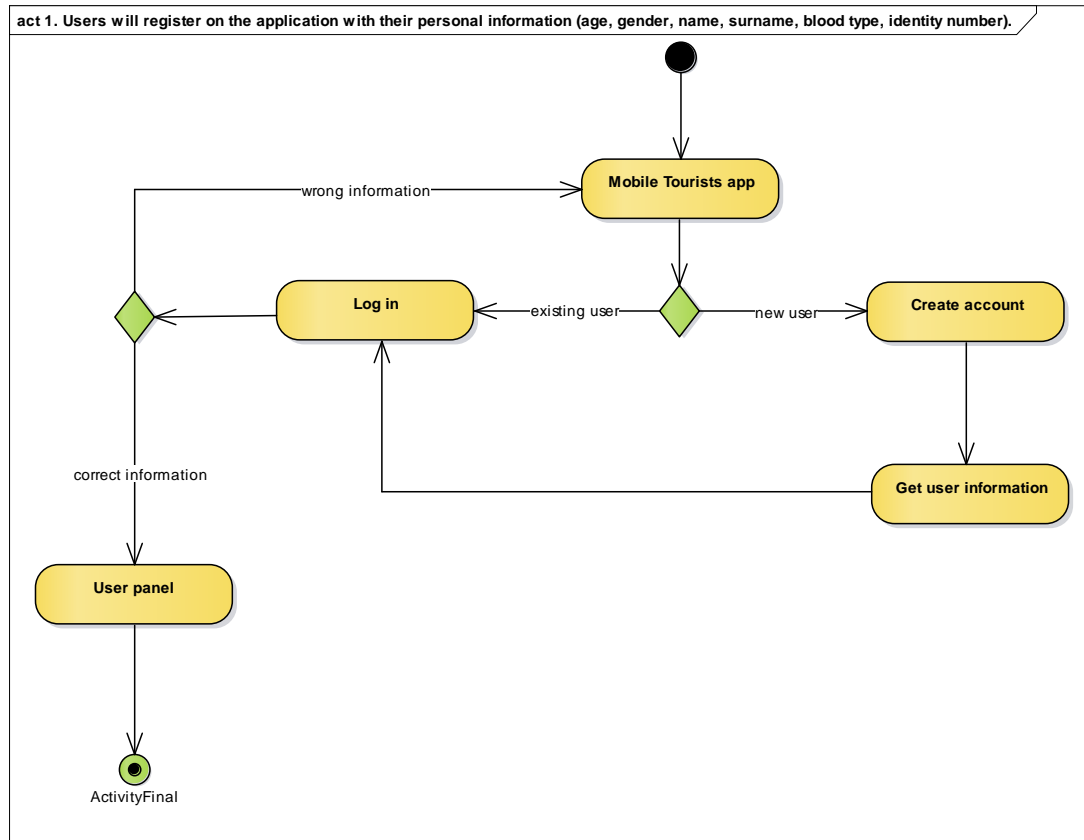


Diagram: 2. Users will be able to manage their accounts' username, password, personal information.

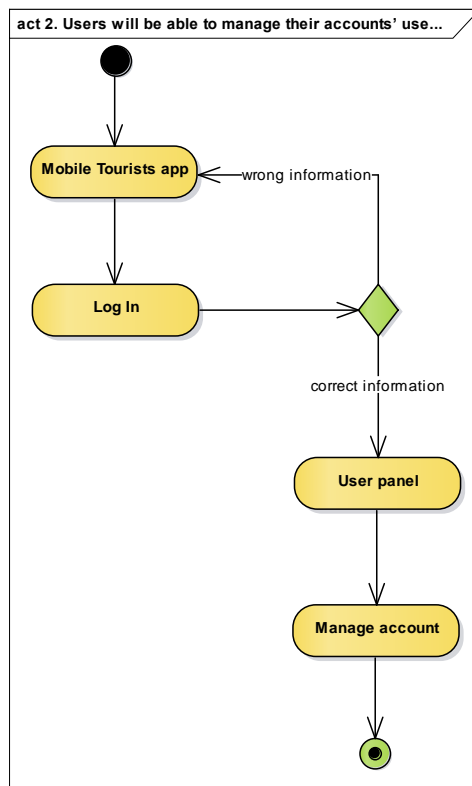


Diagram: 3. Users will be able to see and apply for tours in the application.

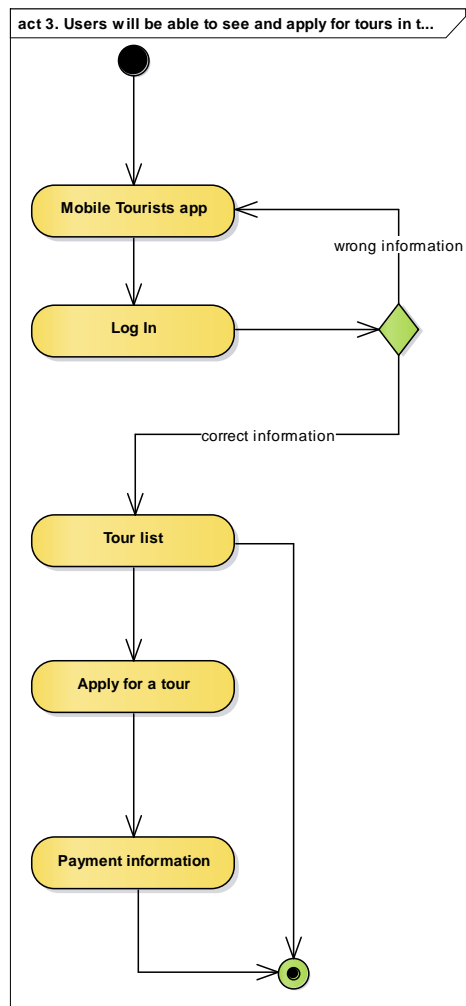


Diagram: 4. Users will receive notifications about tour departure time, tour arrival time, tour breaks, etc. during the tour.

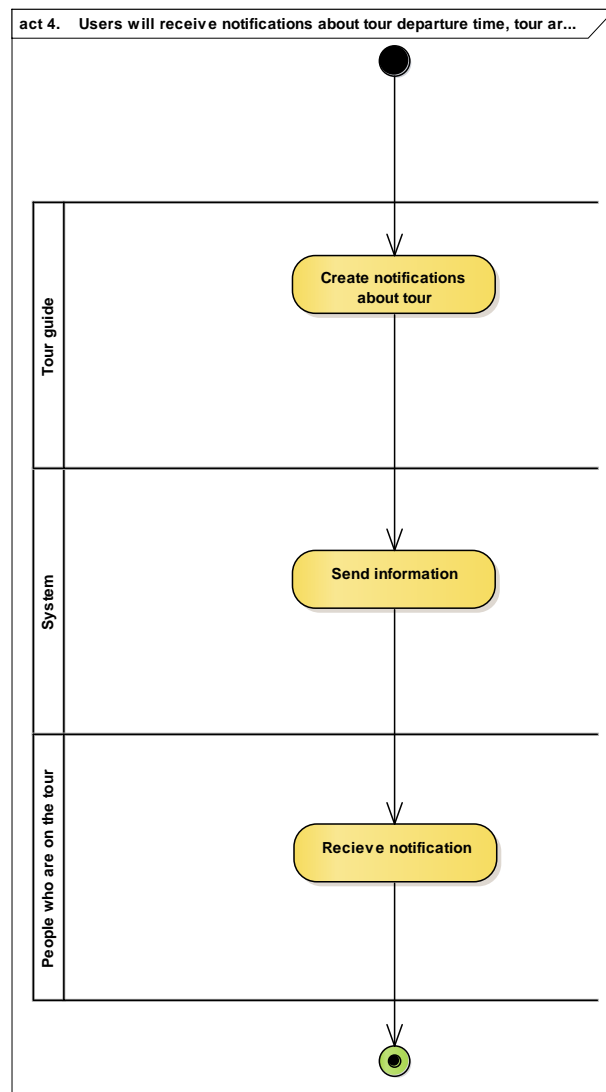


Diagram: 5. The company will be able to evaluate the letter of applications.

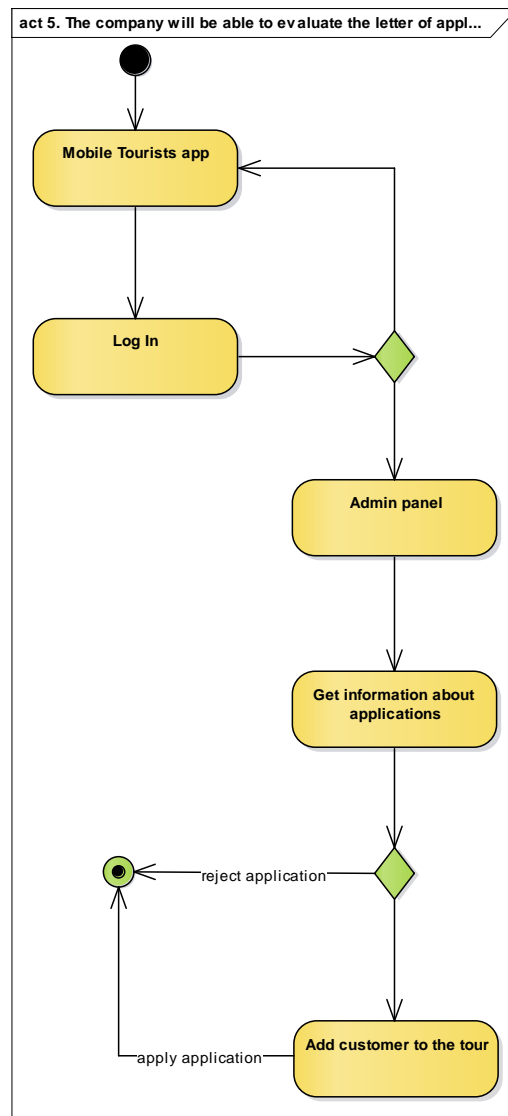


Diagram: Context Diagram

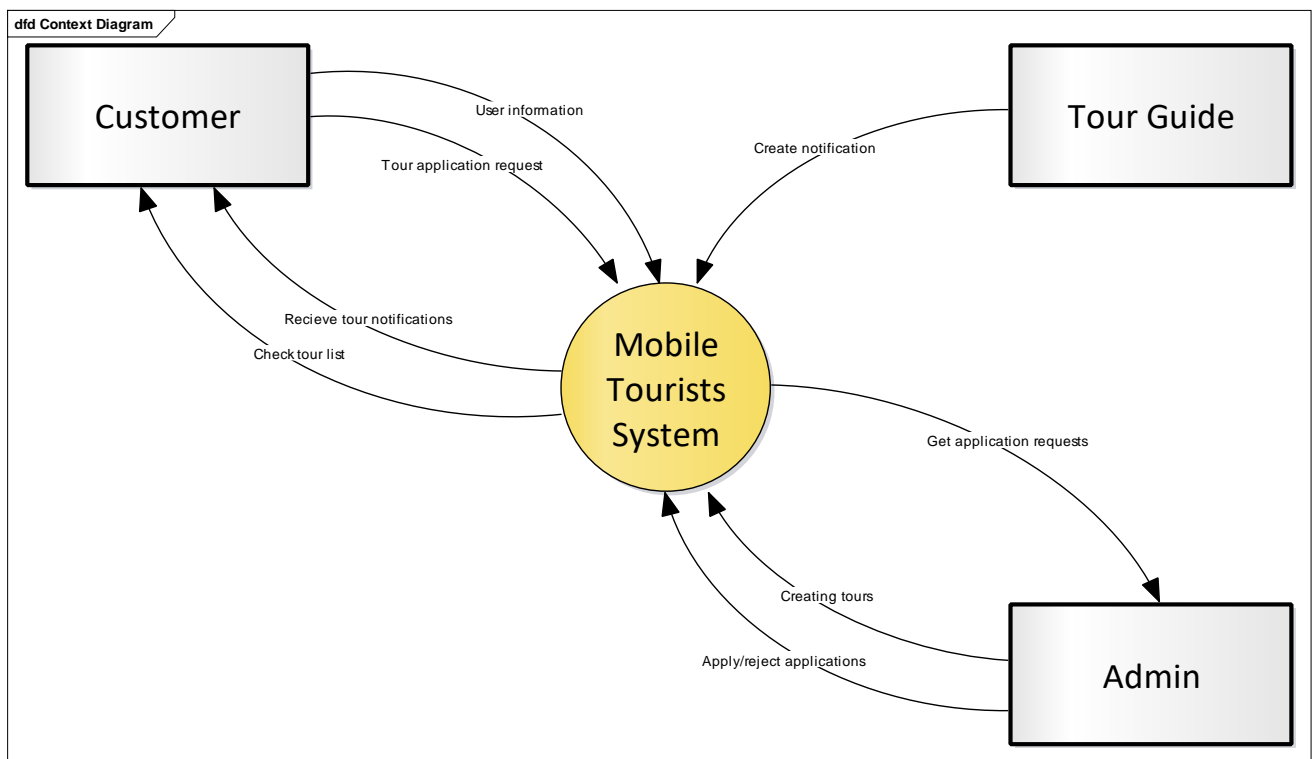


Diagram: DFD Level 0

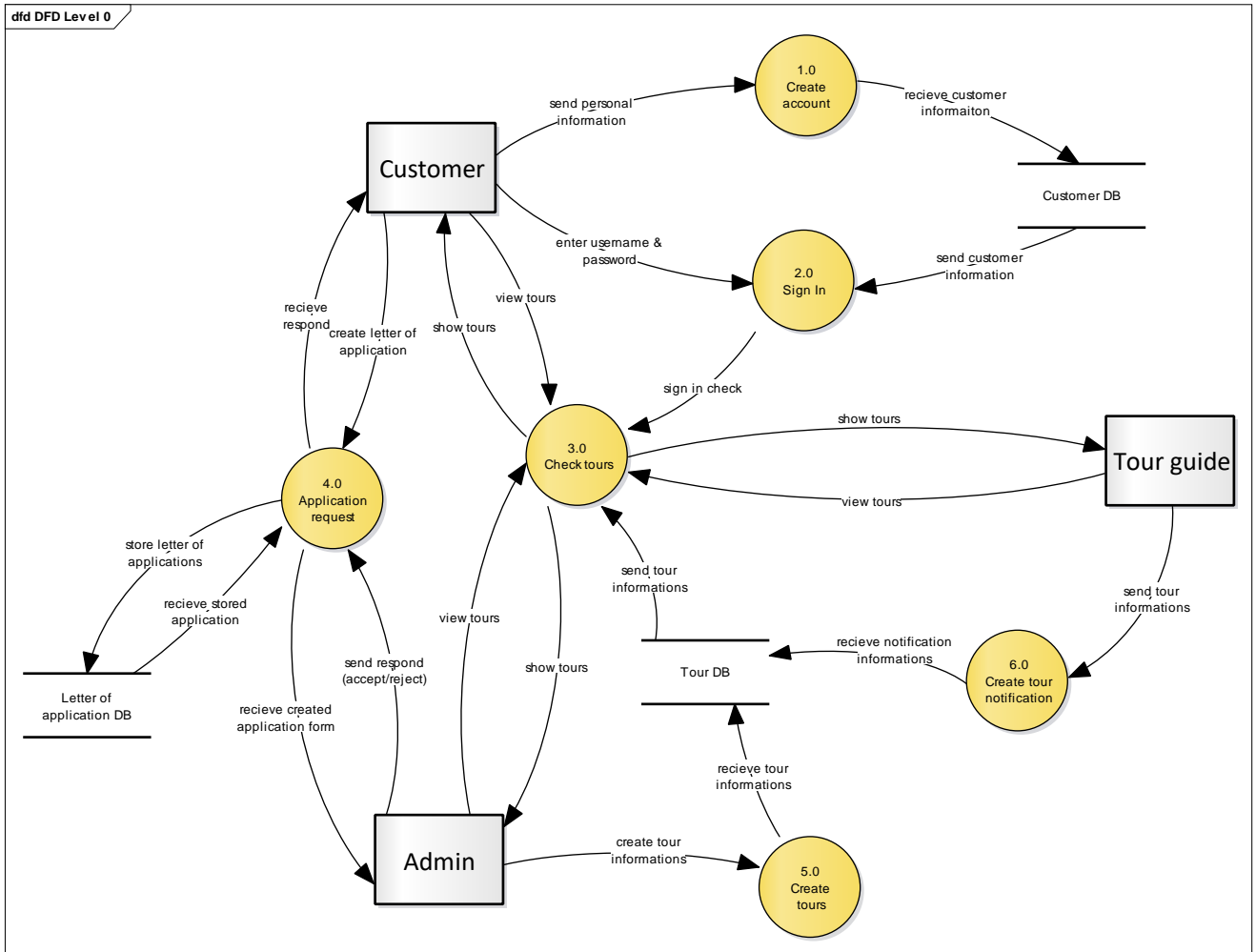


Diagram: DFD Level 1- 4.0

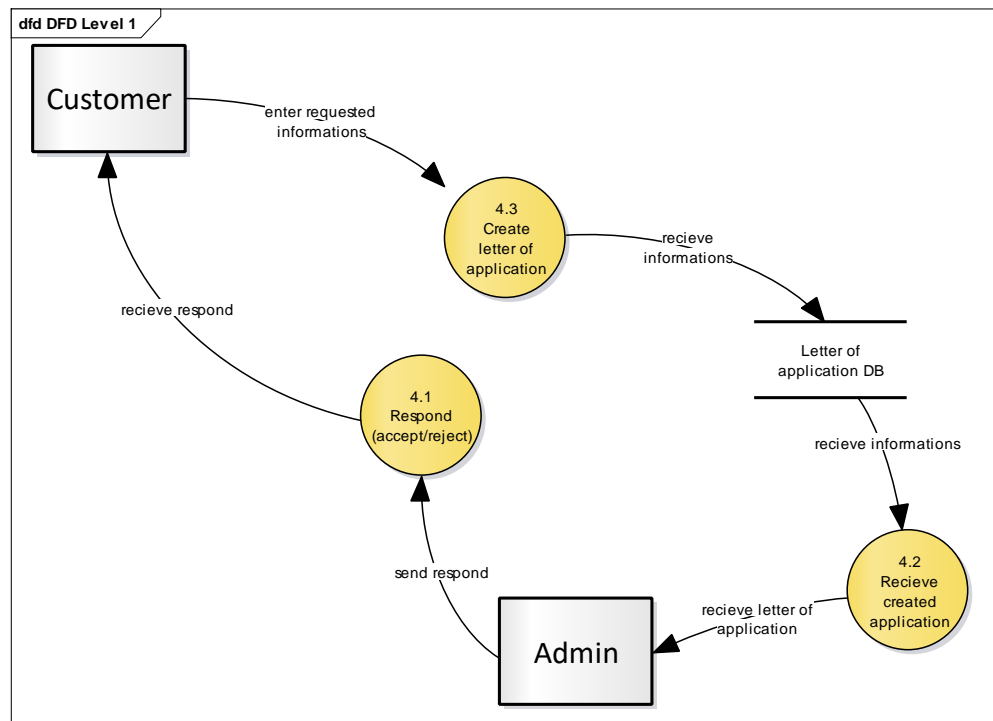


Diagram: DFD Level 1- 1.0

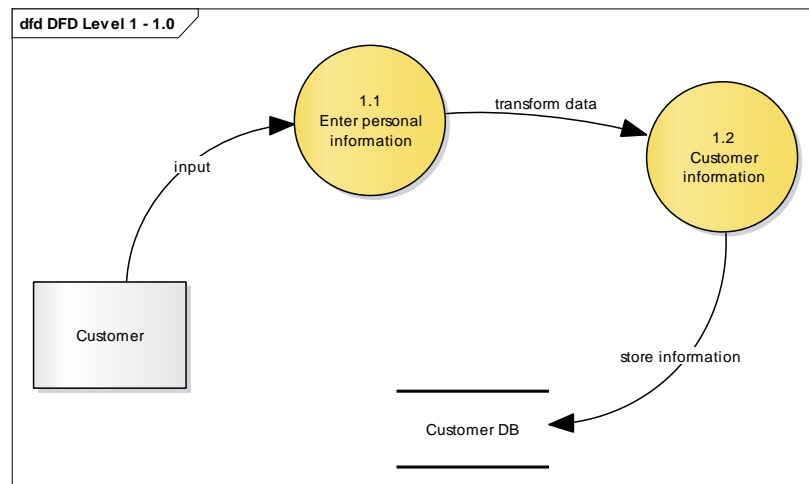


Diagram: DFD Level 1- 2.0

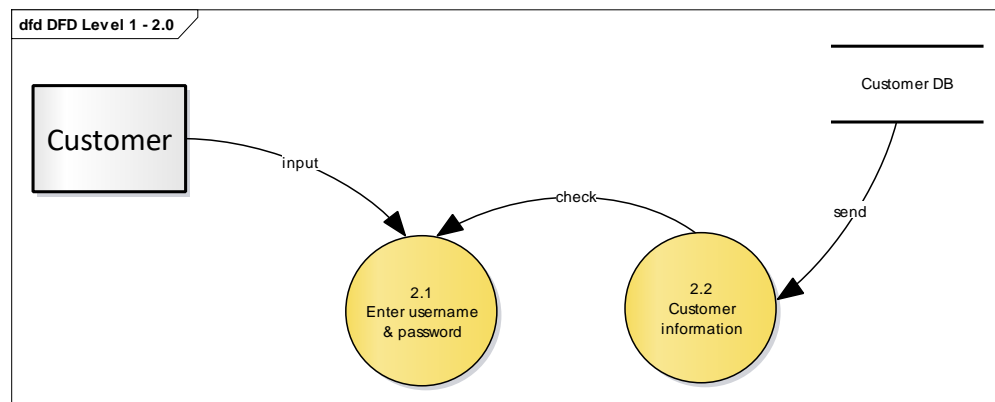


Diagram: DFD Level 1- 3.0

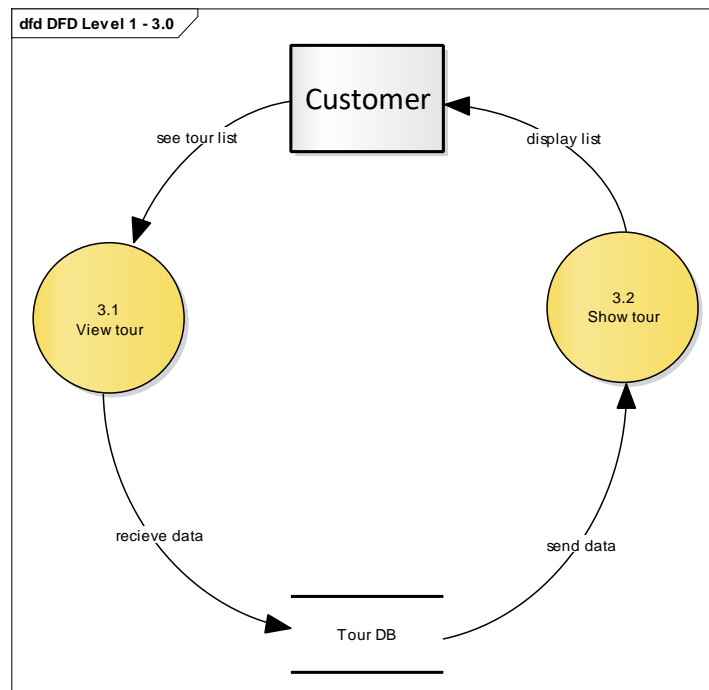


Diagram: DFD Level 1- 5.0

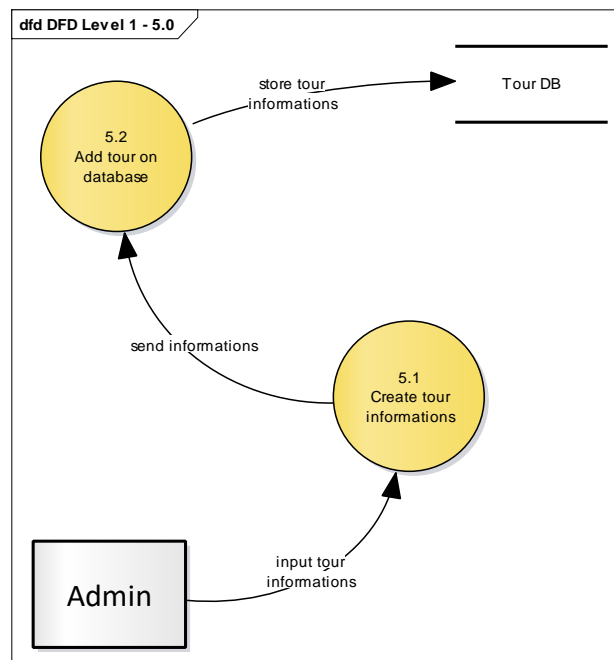
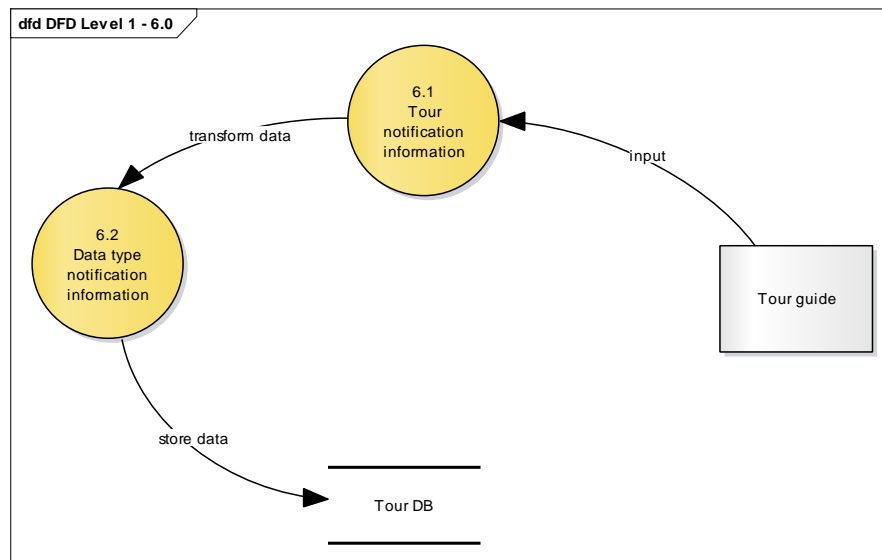


Diagram: DFD Level 1 - 6.0



7. Current Status

The project has improved very well according to the project schedule. Activity/Use Case/Context Diagrams and Level 0/1 DFD's are drawn, and mid report concluded.

We are planning to meet with our client next week, present our project's current status and get feedback/request/changes from him. After that we will apply necessary changes if they will be requested. Then, we will start and finish the meeting report 3 as a group.

REQUEST SPECIFICATION FORM

Contact Information					
Project Name	Req. No	Req. Date			
Mobile Tourists	01	16.11.2020			
Requesting Firm or Organization					
Özikizler Tourism					
Contact Person	Phone No	Fax	e-mail		
Özer Bür	+90 532 236 4763	+90 232 433 9959	info@ozikizlertourism.com		

Request Information
Request Description
Users will register on the application with their personal information (age, gender, name, surname, blood type, identity number).
Justification
This requirement is vital because it is the first step any user will do when the program is opened.
Effect if declined (Risk if the project request is declined)
Users won't be able to have an account and manage if the requirement is declined.
Request Alternatives
There are not any alternatives for this requirement.

Request Review Information			
Review Date	Reviewer Name and Signature	Role of the Reviewer	Reviewer Conclusion
16.11.2020	Sıla Tekcan, Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
16.11.2020	Utku Durmuş, Özgür Burak Bulut	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
Suggestion Elaboration			

Request Final Review			
Review Date	Reviewer Name and Signature	Role	Conclusion
16.11.2020	Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined

REQUEST SPECIFICATION FORM

Contact Information			
Project Name		Req. No	Req. Date
Mobile Tourists		02	16.11.2020
Requesting Firm or Organization			
Özikizler Tourism			
Contact Person	Phone No	Fax	e-mail
Özer Bür	+90 532 236 4763	+90 232 433 9959	info@ozikizlertourism.com

Request Information
Request Description
Users will be able to manage their accounts' username, password, personal information.
Justification
Users may forget their password, username, etc. therefore, users should be able to manage their information.
Effect if declined (Risk if the project request is declined)
Users may not login into system with their account anymore.
Request Alternatives
There are not any alternatives for this requirement.

Request Review Information			
Review Date	Reviewer Name and Signature	Role of the Reviewer	Reviewer Conclusion
16.11.2020	Sıla Tekcan, Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
16.11.2020	Utku Durmuş, Özgür Burak Bulut	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
Suggestion Elaboration			

Request Final Review			
Review Date	Reviewer Name and Signature	Role	Conclusion
16.11.2020	Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined

REQUEST SPECIFICATION FORM

Contact Information			
Project Name		Req. No	Req. Date
Mobile Tourists		03	16.11.2020
Requesting Firm or Organization			
Özikizler Tourism			
Contact Person	Phone No	Fax	e-mail
Özer Bür	+90 532 236 4763	+90 232 433 9959	info@ozikizlertourism.com

Request Information
Request Description
Users will be able to see and apply tours in the application.
Justification
Provide convenience for users.
Effect if declined (Risk if the project request is declined)
Users can not apply for tours.
Request Alternatives
There are not any alternatives for this requirement.

Request Review Information			
Review Date	Reviewer Name and Signature	Role of the Reviewer	Reviewer Conclusion
16.11.2020	Sıla Tekcan, Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
16.11.2020	Utku Durmuş, Özgür Burak Bulut	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
Suggestion Elaboration			

Request Final Review			
Review Date	Reviewer Name and Signature	Role	Conclusion
16.11.2020	Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined

REQUEST SPECIFICATION FORM

Contact Information			
Project Name		Req. No	Req. Date
Mobile Tourists		04	16.11.2020
Requesting Firm or Organization			
Özikizler Tourism			
Contact Person	Phone No	Fax	e-mail
Özer Bür	+90 532 236 4763	+90 232 433 9959	info@ozikizlertourism.com

Request Information
Request Description
Users will receive notifications about tour departure time, tour arrival time, tour breaks, etc. during the tour.
Justification
Provide convenience for tour guide and inform users on the tour.
Effect if declined (Risk if the project request is declined)
Users can not receive any notification.
Request Alternatives
There are not any alternatives for this requirement.

Request Review Information			
Review Date	Reviewer Name and Signature	Role of the Reviewer	Reviewer Conclusion
16.11.2020	Sıla Tekcan, Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
16.11.2020	Utku Durmuş, Özgür Burak Bulut	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
Suggestion Elaboration			

Request Final Review			
Review Date	Reviewer Name and Signature	Role	Conclusion
16.11.2020	Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined

REQUEST SPECIFICATION FORM

Contact Information			
Project Name		Req. No	Req. Date
Mobile Tourists		05	16.11.2020
Requesting Firm or Organization			
Özikizler Tourism			
Contact Person	Phone No	Fax	e-mail
Özer Bür	+90 532 236 4763	+90 232 433 9959	info@ozikizlertourism.com

Request Information
Request Description
The company will be able to evaluate the letter of applications.
Justification
Company should check payments and person limit of the tour.
Effect if declined (Risk if the project request is declined)
There can be people who are unpaid and person limit of the tour may be exceeded.
Request Alternatives
System can check the applications itself automatically.

Request Review Information			
Review Date	Reviewer Name and Signature	Role of the Reviewer	Reviewer Conclusion
16.11.2020	Sıla Tekcan, Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
16.11.2020	Utku Durmuş, Özgür Burak Bulut	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined <input type="checkbox"/> Postponed (D:)
Suggestion Elaboration			

Request Final Review			
Review Date	Reviewer Name and Signature	Role	Conclusion
16.11.2020	Erşen Pamuk	Group Member	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Declined