



CS 319 Object-Oriented Software Engineering Project Deliverable 3 (D3) - S2T7 - agora

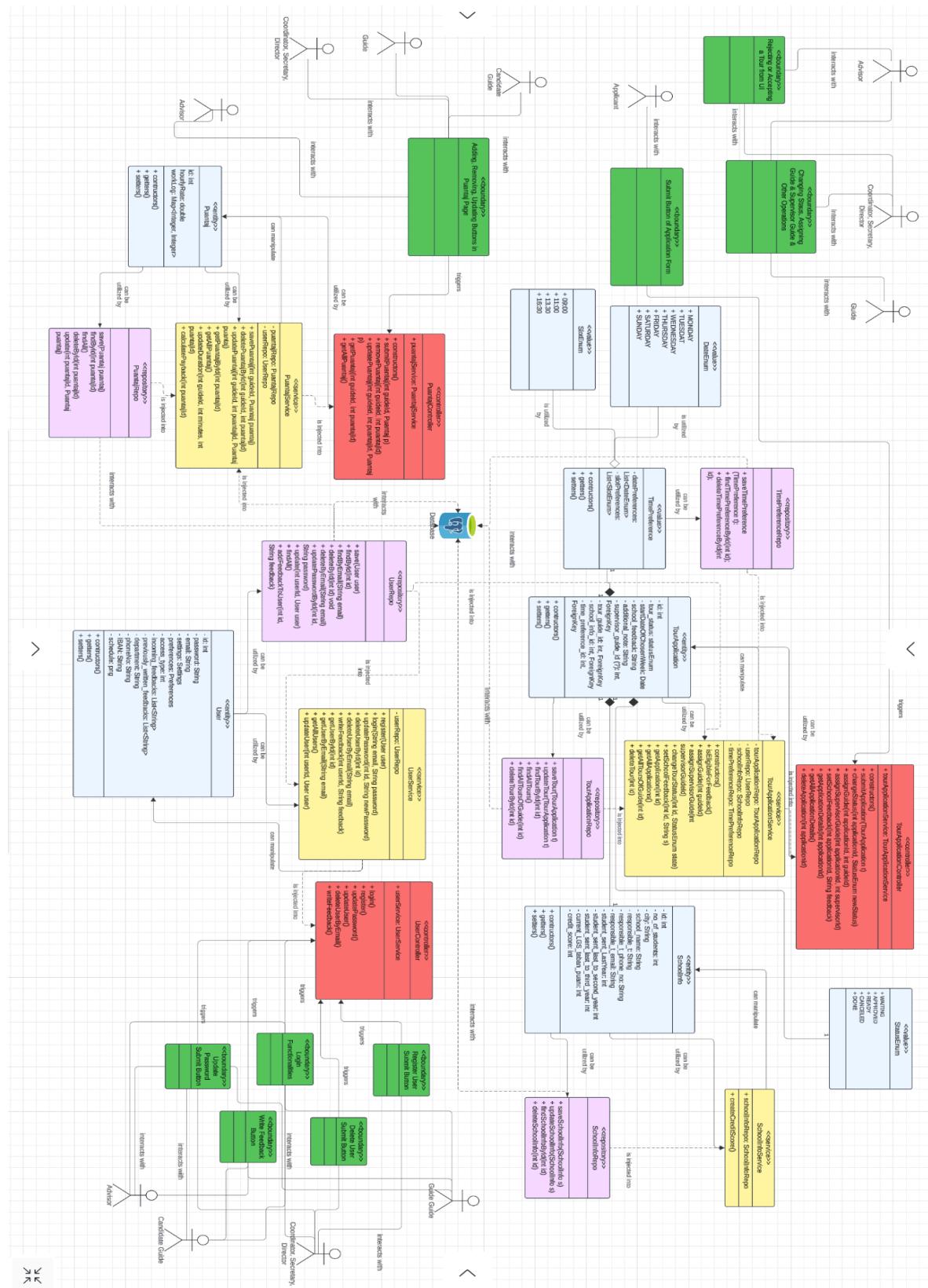
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Contents of the Document

Domain Model	3
Activity Diagrams	4
1. Login	4
2. Arrange Tour (Application Approve/Reject Process)	5
3. Manage Guide (Register User)	6
4. Provide Feedback (Feedback for Candidate Guide)	6
5. Manage Real-Time Status	7
6. View Data	8
Sequence Diagrams	9
1. Login	9
2. Arrange Tour (Application Approve/Reject Process)	10
3. Manage Guide	10
4. Provide Feedback	11
5. Manage Real-Time Status	12
6. View Data	13
Mock-up / Wireframes	14
UI Mockups	14
1. Home Page	14
2. Register Page	15
3. Login Page	15
4. Dashboard Pages	16
5. Guide Information Page	18
6. Tour Approval Page	18
7. Tour Assignment Page	19
8. Real-Time Status Page	19
9. Puantaj Page	20
10. Data Page	21
11. Feedback Page	21
12. Settings Page	23
• Account	23
• Change Password	24
• Appearance	24
• Help and Support	25
• About	25
13. Forgot Password Page	26

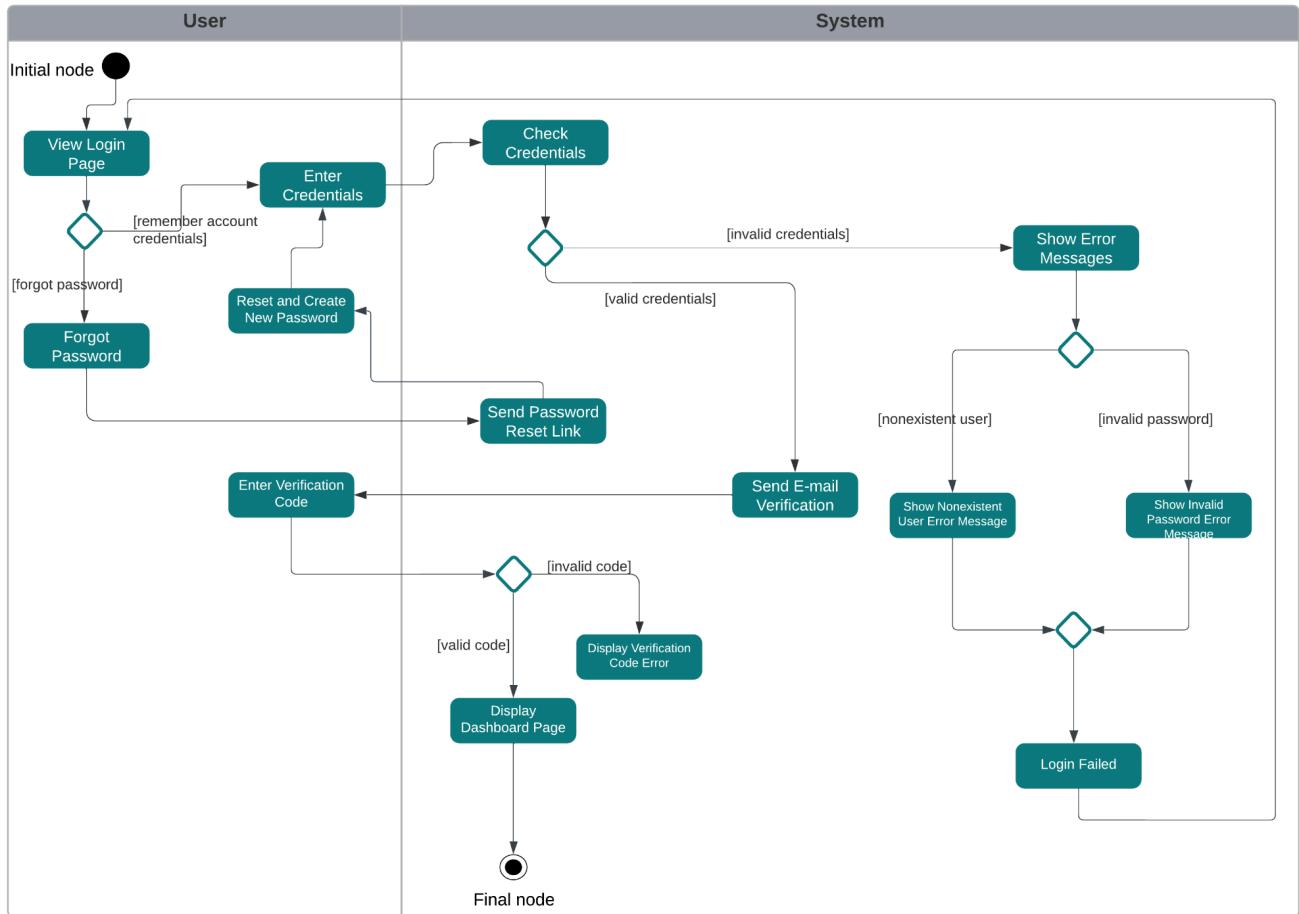
Domain Model



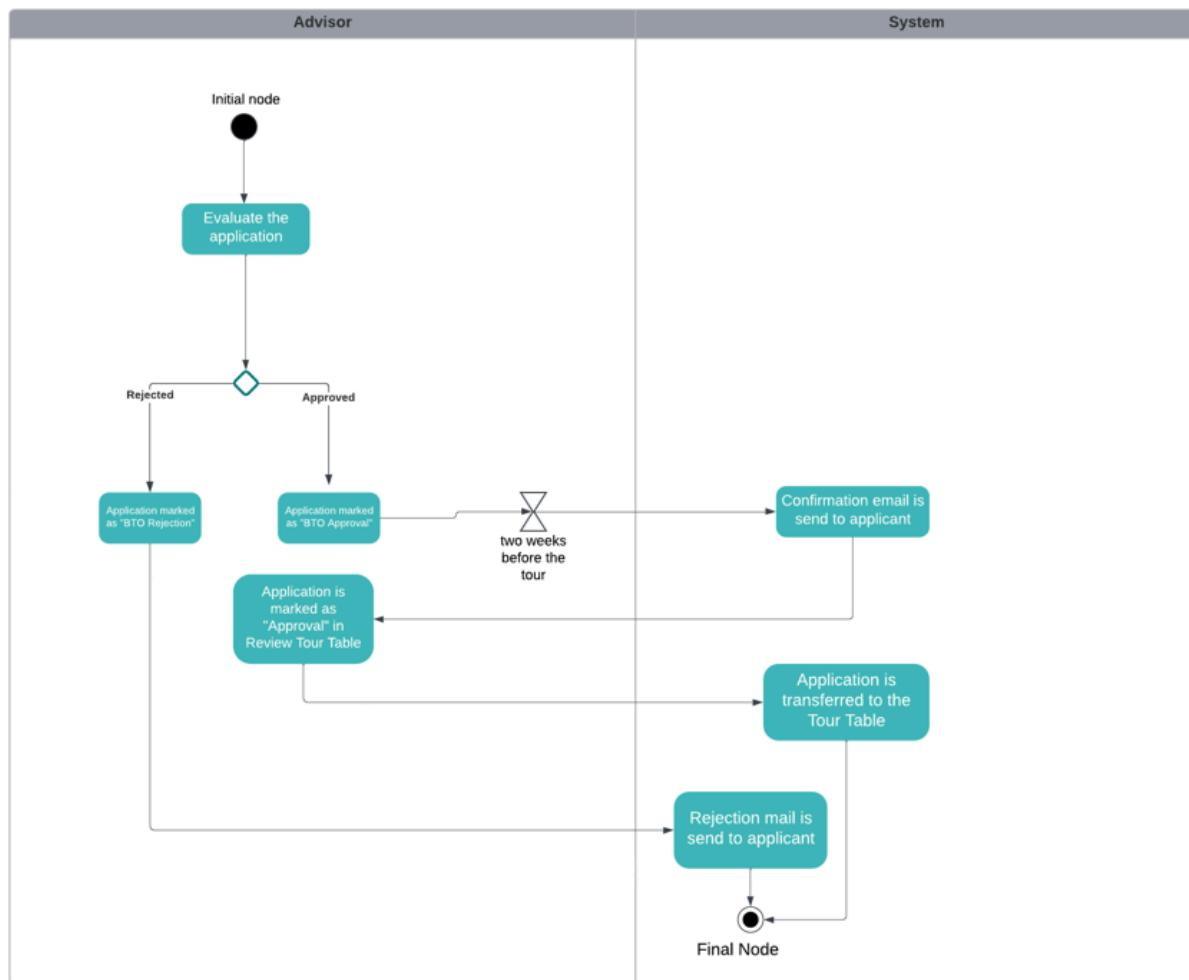
Here is the link to our Domain Model: <https://shorturl.at/d5McH>

Activity Diagrams

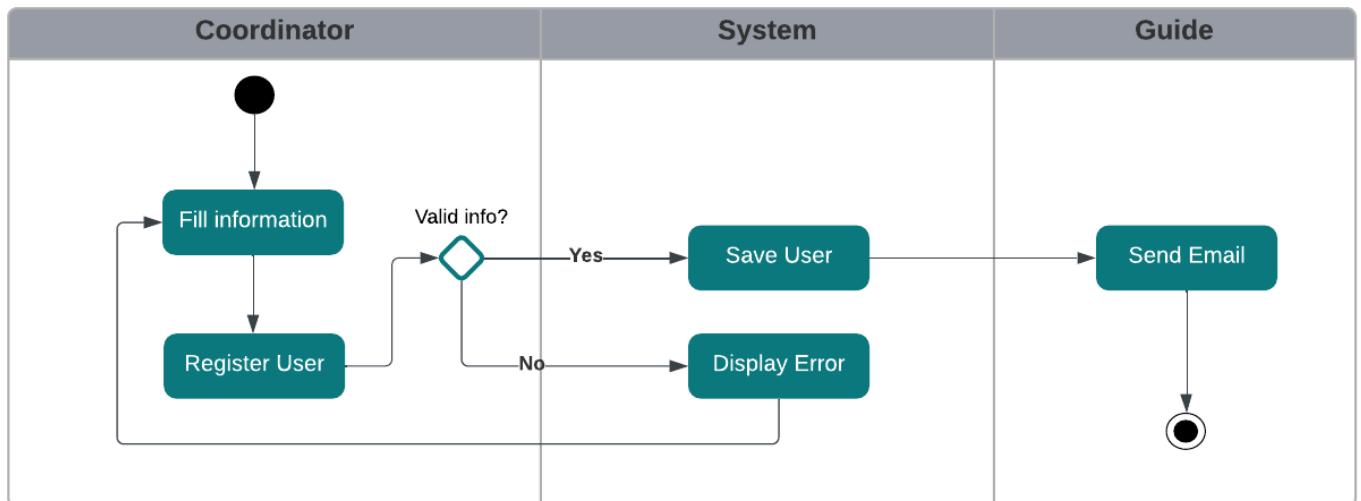
1. Login



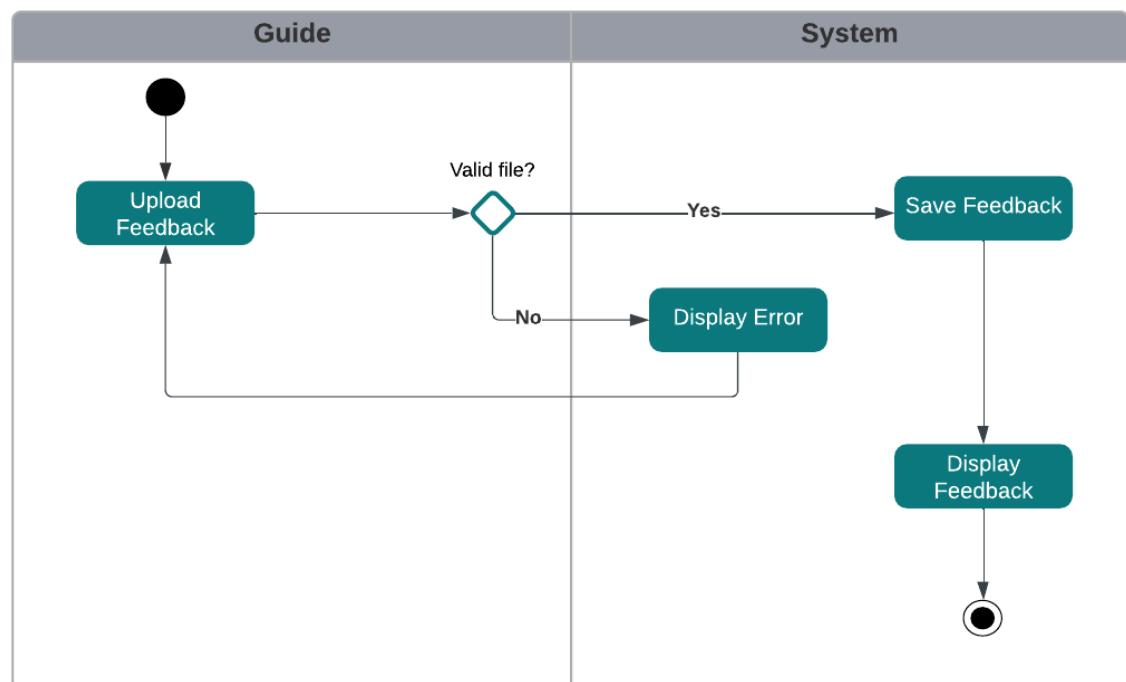
2. Arrange Tour (Application Approve/Reject Process)



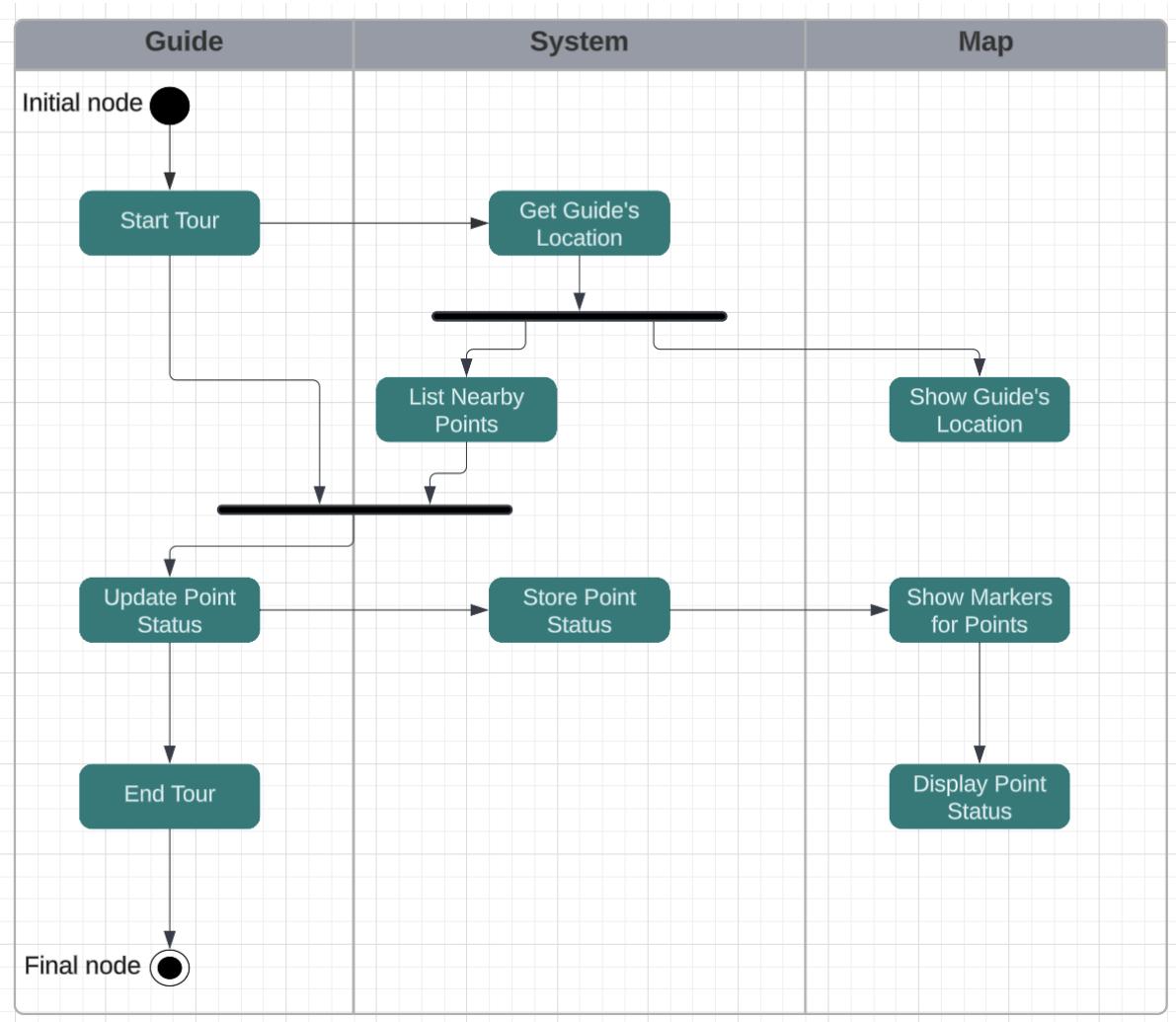
3. Manage Guide (Register User)



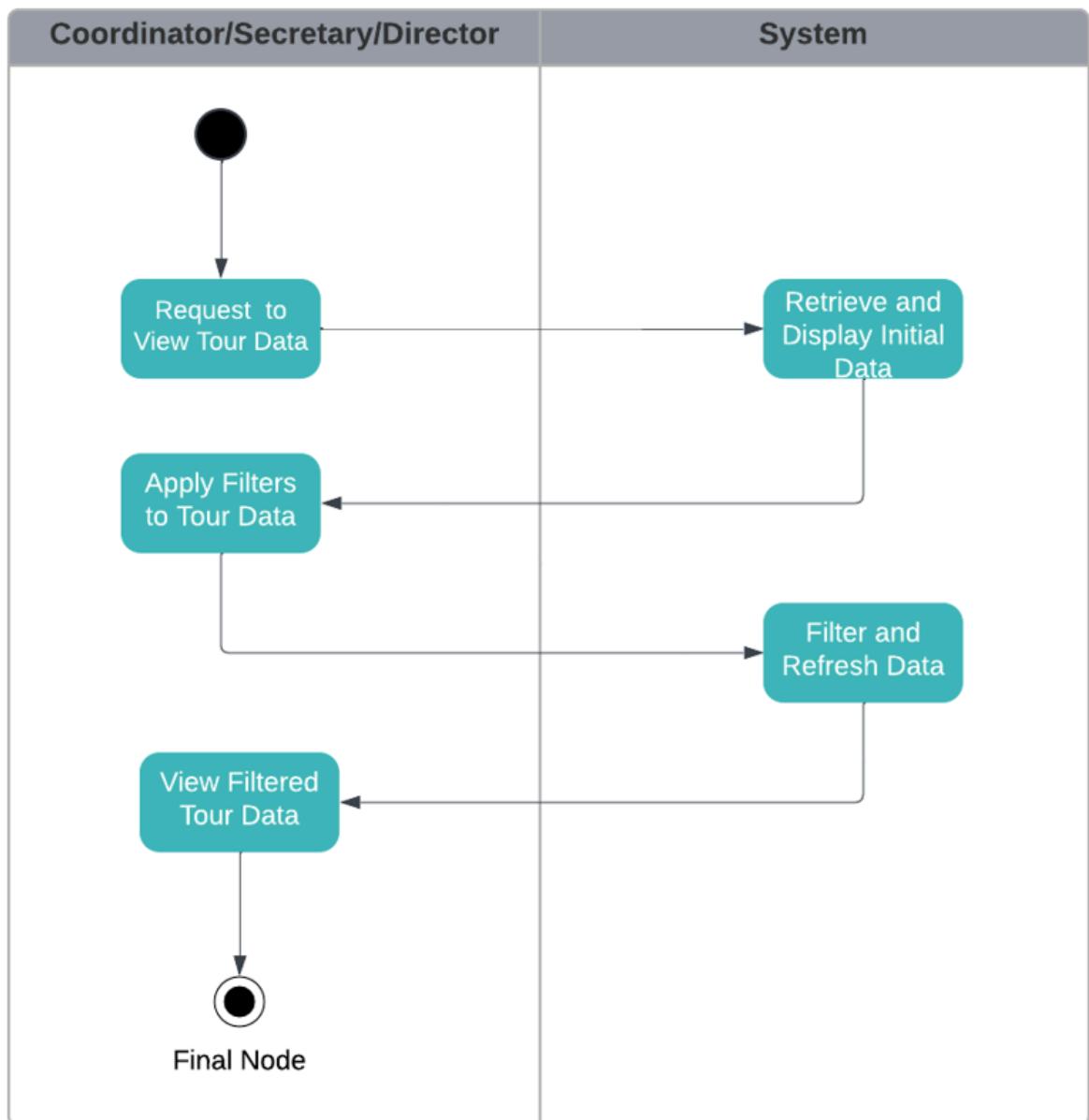
4. Provide Feedback (Feedback for Candidate Guide)



5. Manage Real-Time Status

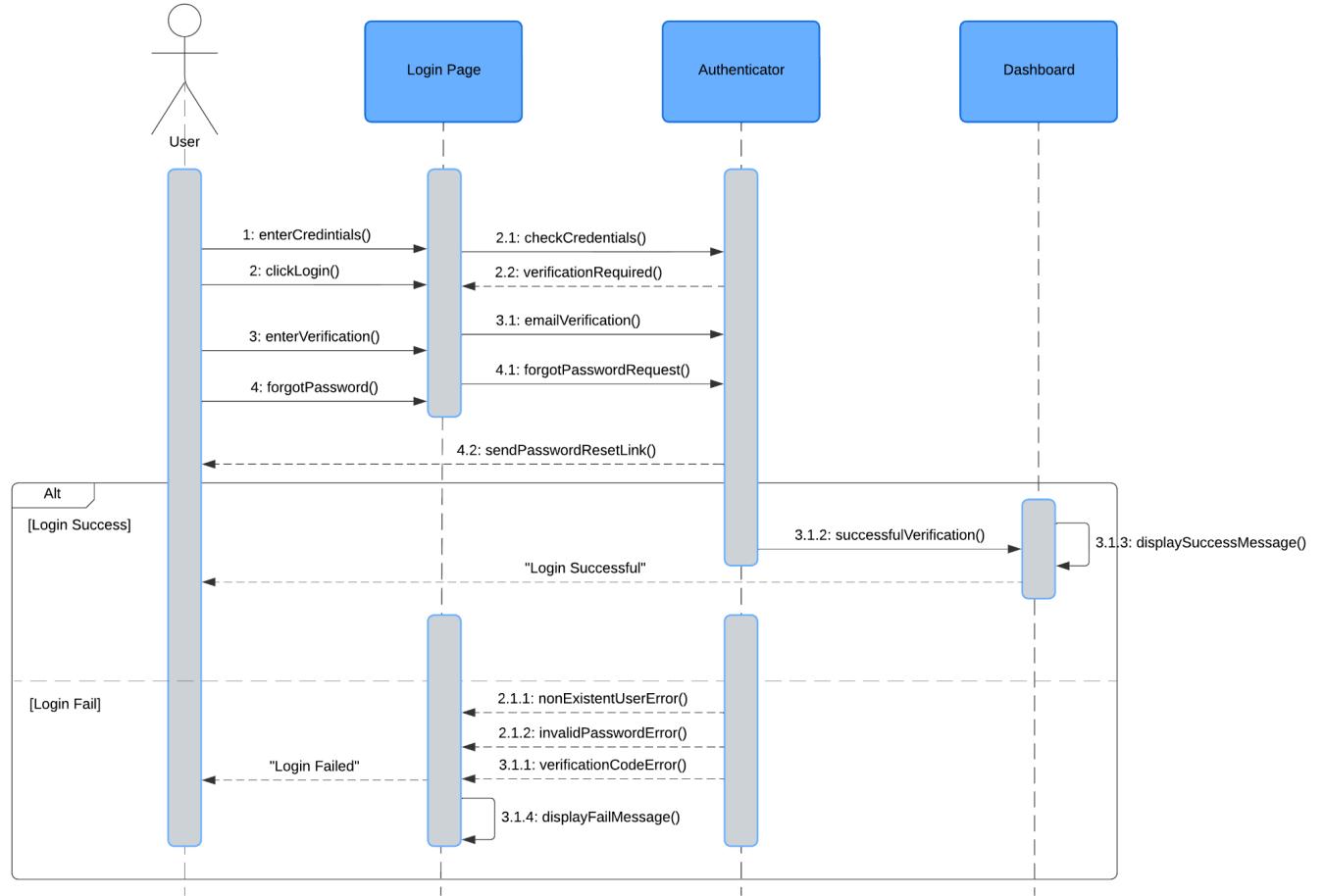


6. View Data

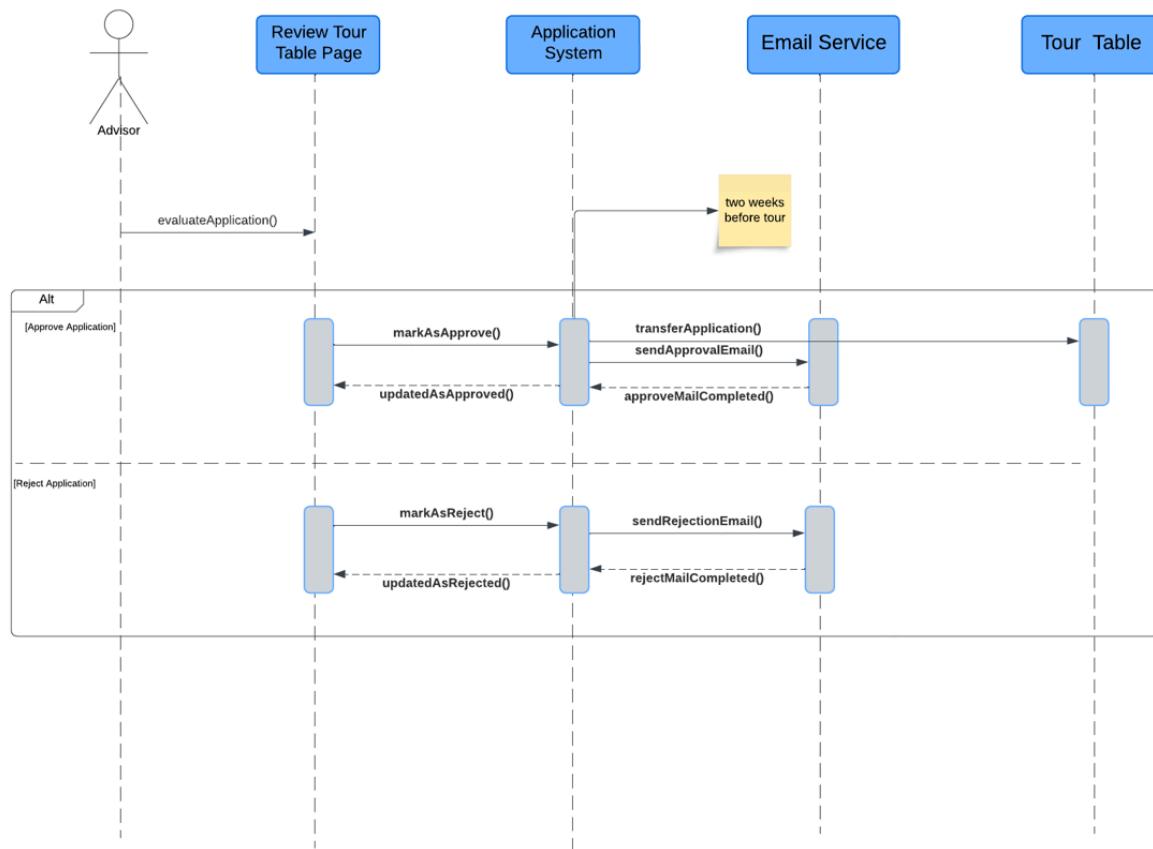


Sequence Diagrams

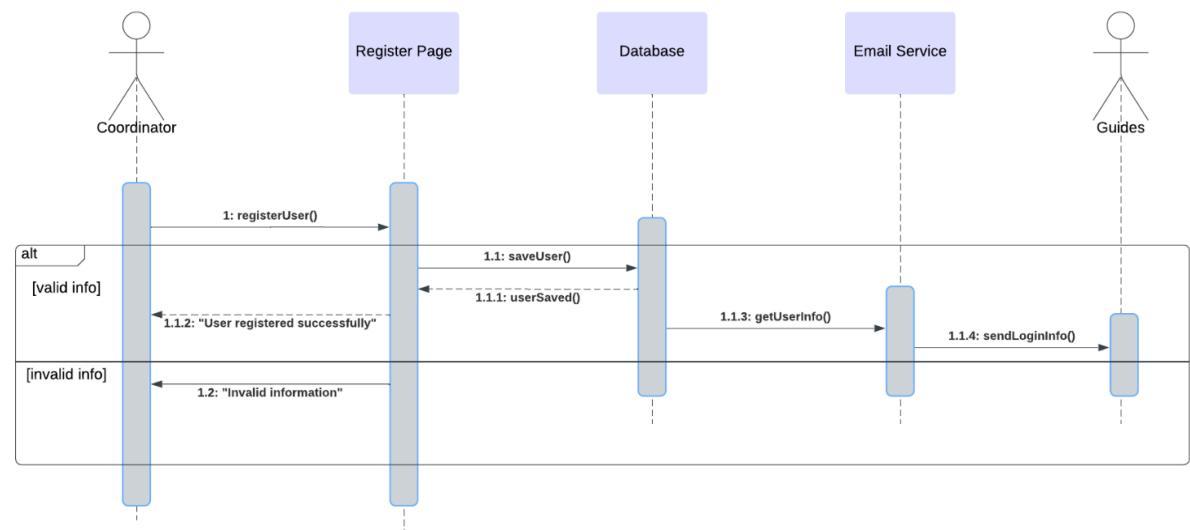
1. Login



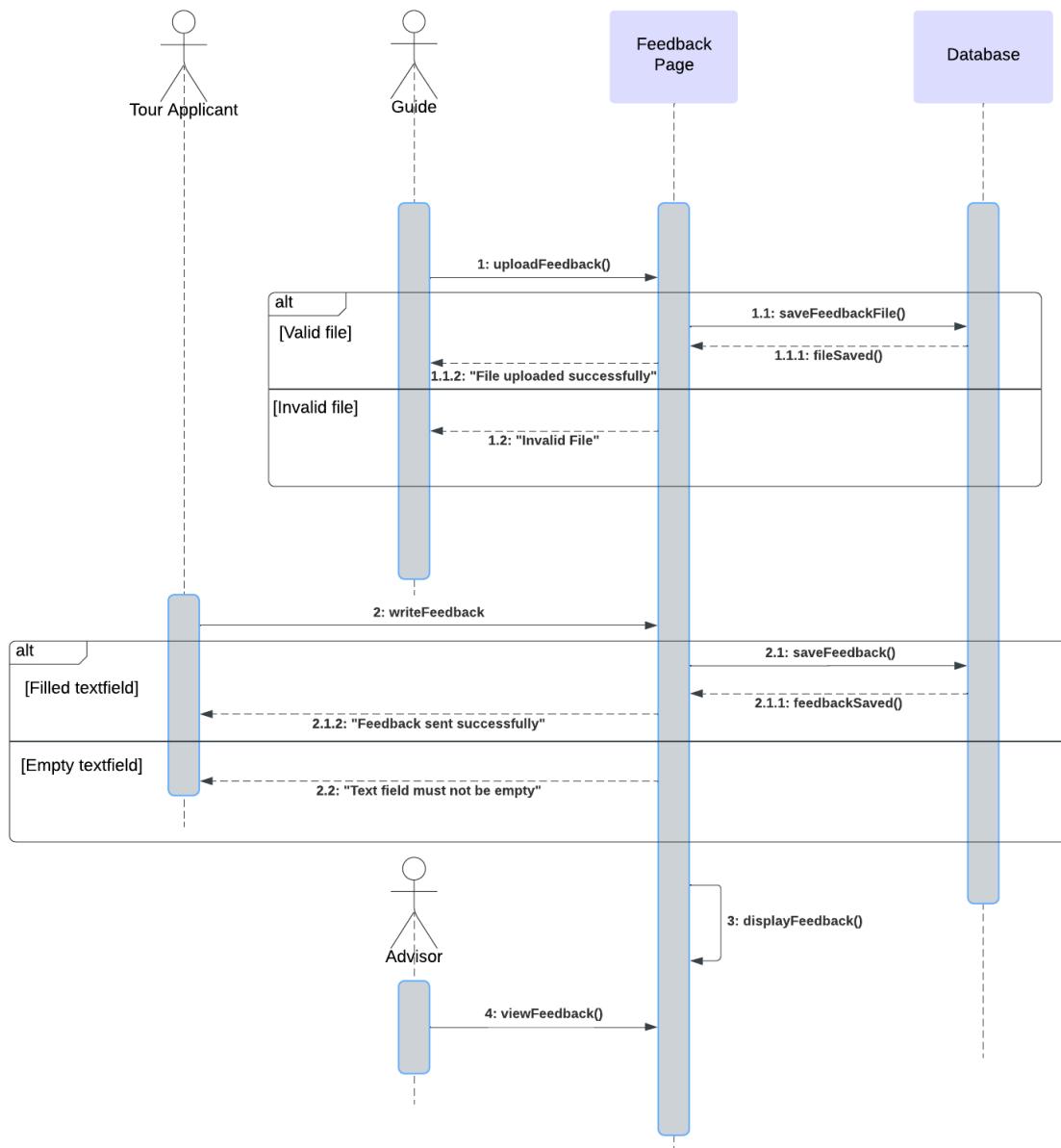
2. Arrange Tour (Application Approve/Reject Process)



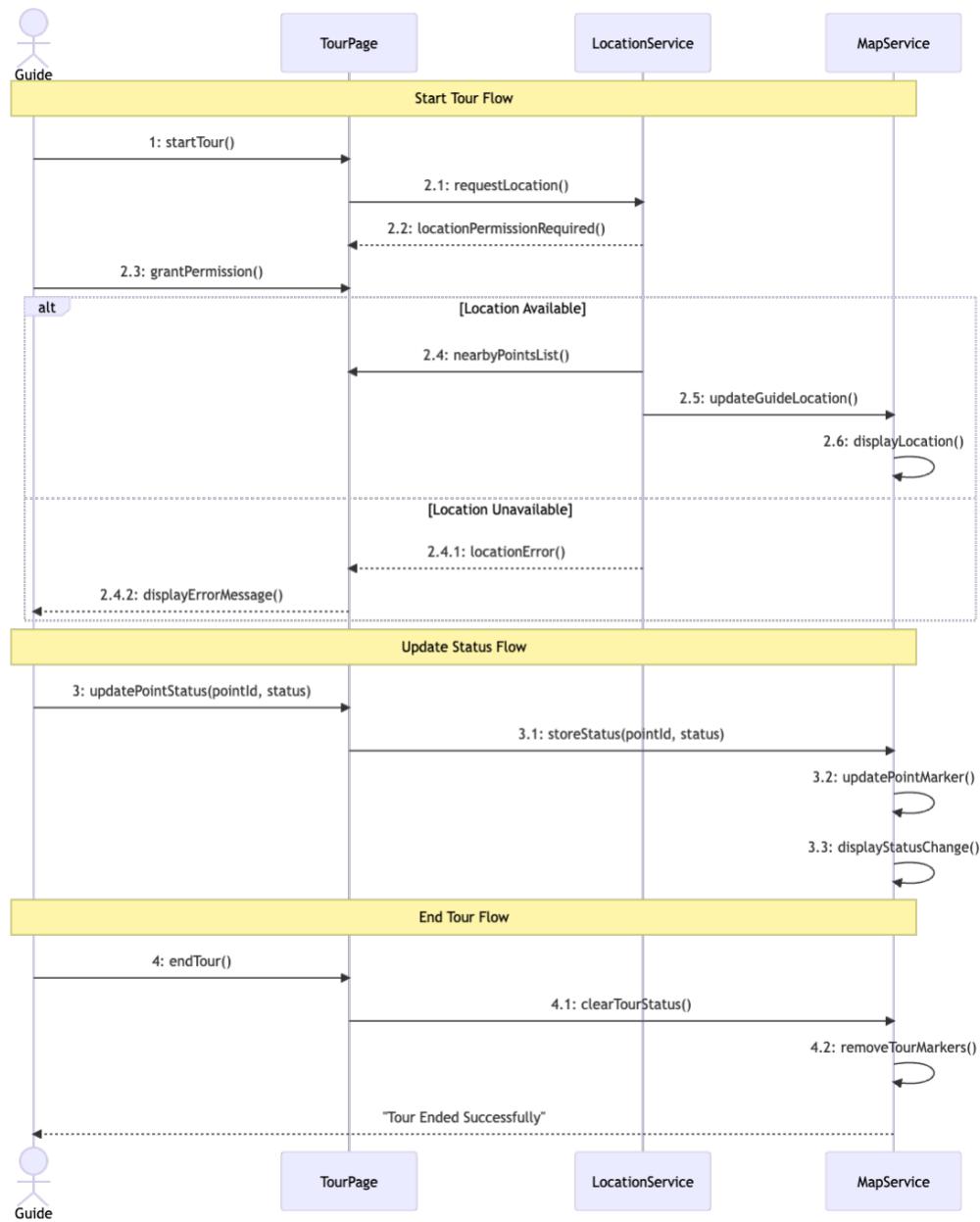
3. Manage Guide



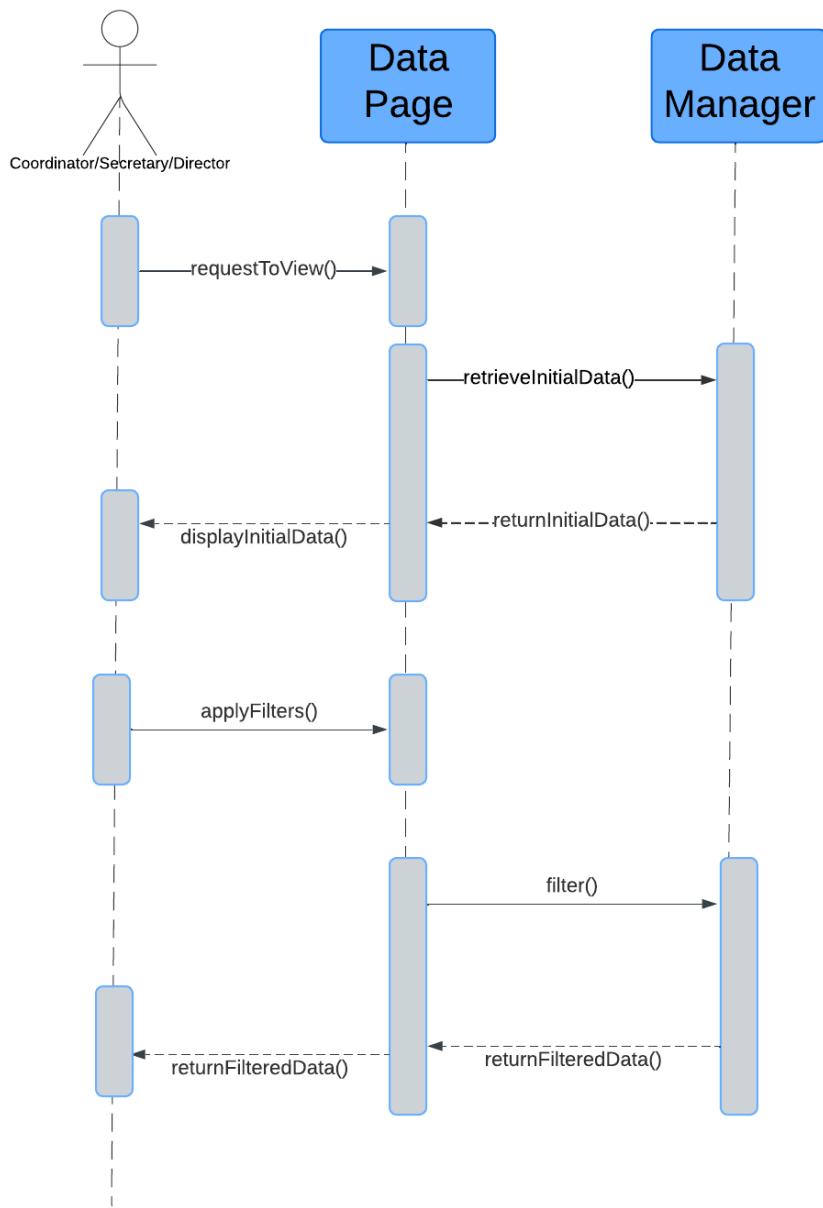
4. Provide Feedback



5. Manage Real-Time Status



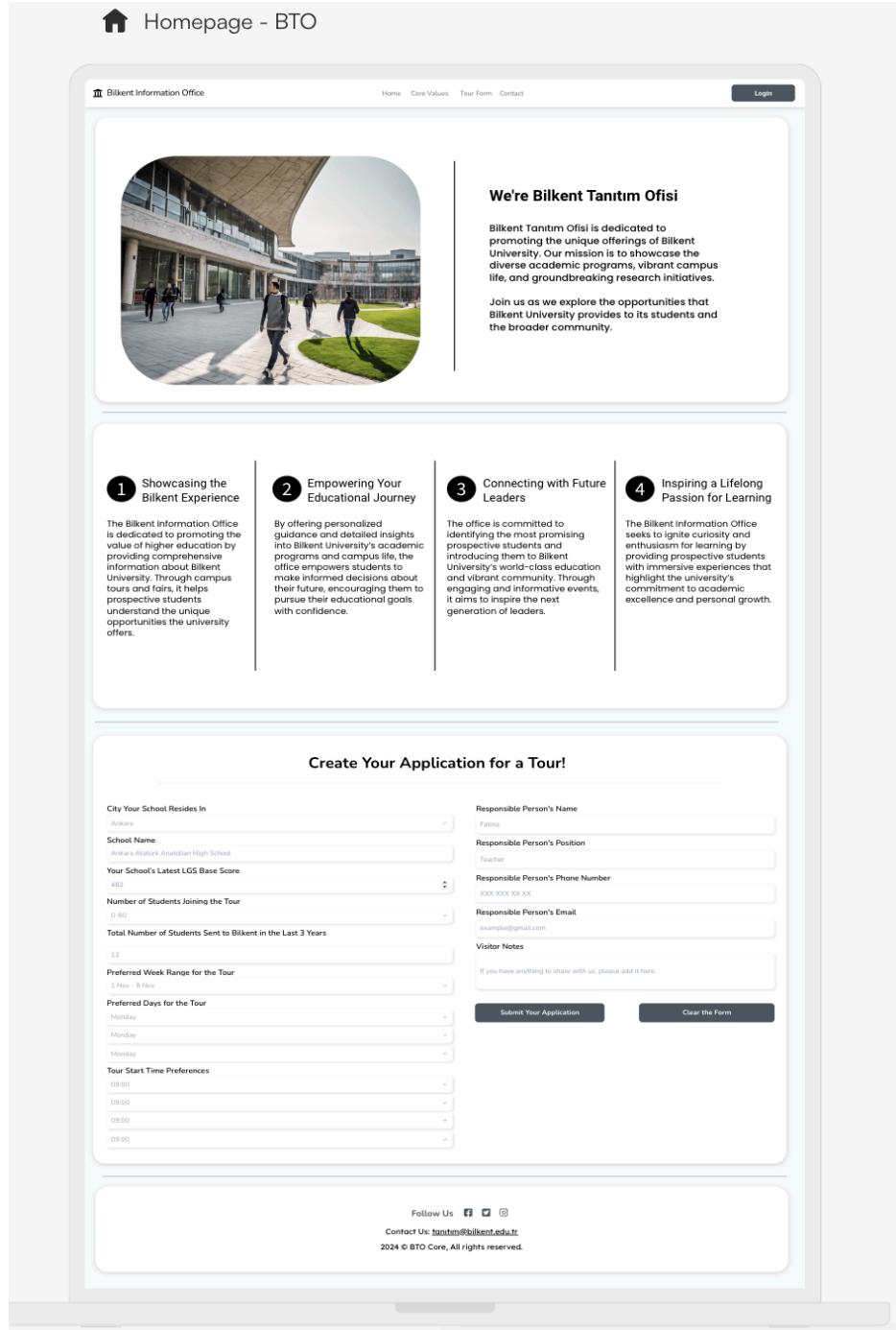
6. View Data



Mock-up / Wireframes

UI Mockups

1. Home Page



The wireframe for the Bilkent Information Office homepage is designed to showcase the university's mission and provide a tour application form. At the top, there's a header with a house icon and the text "Homepage - BTO". Below the header is a navigation bar with links to "Home", "Core Values", "Tour Form", and "Contact", along with a "Login" button. The main content area features a large image of people walking on a modern university campus. To the right of the image is a section titled "We're Bilkent Tanıtım Ofisi" which includes a brief mission statement and a call to action. Below this are four numbered boxes: 1. Showcasing the Bilkent Experience, 2. Empowering Your Educational Journey, 3. Connecting with Future Leaders, and 4. Inspiring a Lifelong Passion for Learning. At the bottom of the page is a large form titled "Create Your Application for a Tour!". This form contains fields for "City Your School Resides In" (set to Ankara), "School Name" (set to Ankara Anatolian Anatolian High School), "Your School's Latest LGS Base Score" (set to 482), "Number of Students Joining the Tour" (set to 0-60), "Total Number of Students Sent to Bilkent in the Last 3 Years" (set to 12), "Preferred Week Range for the Tour" (set to 1 Nov - 8 Nov), "Preferred Days for the Tour" (multiple dropdowns showing Monday, Tuesday, Wednesday, Thursday, Friday), "Tour Start Time Preferences" (multiple dropdowns showing 09:00, 09:00, 09:00, 09:00), and "Responsible Person's Name", "Responsible Person's Position", "Responsible Person's Phone Number" (set to XXXX XXX XXXX), "Responsible Person's Email" (set to example@gmail.com), and "Visitor Notes". There are also "Submit Your Application" and "Clear the Form" buttons. At the very bottom, there's a footer with social media icons, a contact email (tanitim@bilkent.edu.tr), and a copyright notice (2024 © BTO Core, All rights reserved).

This page provides information to visitors in order to promote the services and mission of Bilkent Promotion Office, while also providing a form that allows users to apply for a tour to visit Bilkent University.

2. Register Page

The screenshot shows a registration form titled "Register New User". The form fields include: First Name, Last Name, Email, ID, Department, and Role. Below the role selection is a "Register" button. To the left of the form is a sidebar with a user profile picture and name "Ekin Köylü", followed by a "Dashboard" section containing links for Tour Tables, Info Page, Puantaj Page, Review Tour Request, Data Insights, Register User, Real-time Status, and Feedback Page. At the bottom of the sidebar are "Log out" and a refresh icon.

This is the page where the coordinator will create a new user.

3. Login Page

The screenshot shows a login page for "BTO Core". It features a large circular image of a building at night on the left. On the right, there is a logo consisting of a stylized mountain or building icon next to the text "BTO Core". Below the logo are two input fields: "Email" and "Password", each with placeholder text "Enter your email." and "Enter your password.". To the right of the password field is a "Forgot Password?" link. At the bottom is a "Log In" button.

This is the login page of the application.

4. Dashboard Pages

Dashboard for Access Type 4 (Coordinator, Secretary, Director)

Welcome to BTO Core

Here is what you can do within this application

- From the "Tour Tables" section, you can view the approved tours and their dates. If you're a guide, you can apply for a suitable tour and lead it. Additionally, you can see details about the tour, such as which school is attending, the date, and the number of students participating.
- In the Information table, you can access the names, surnames, roles, departments, phone numbers, and IBANs of guides and other individuals in the system. You can also view their lesson schedules.
- On the Puantaj Page, you can record and submit your workload within the monthly calendar. The system will automatically calculate your total workload, and you can then wait for your payment.
- If you have the role of an advisor or higher, you can accept or reject tour applications via the Review Tour Request section.
- In the Data Insights section, you can view graphical representations of the collected data and take rational actions accordingly.
- From the Register User section, you can add new candidate guides, guides, and advisors. You can also promote individuals to higher ranks.
- The Real-time Status section allows you to communicate with other guides during tours, track their locations, and share your own. This ensures a smoother tour experience.
- If you are a candidate guide, guide, or advisor, you can view feedback given to you by others in the Feedback Page and write feedback for them as well. If you hold the position of coordinator, secretary, or director, you can view feedback from schools regarding tours.
- From the Settings section at the bottom left, you can manage your profile information, learn more about our application and organization, and adjust your preference.

This is the Dashboard Page for the Coordinator, Secretary, and Director

Dashboard for Access Type 3 (Advisors)

Welcome to BTO Core

Here is what you can do within this application

- From the "Tour Tables" section, you can view the approved tours and their dates. If you're a guide, you can apply for a suitable tour and lead it. Additionally, you can see details about the tour, such as which school is attending, the date, and the number of students participating.
- In the Information table, you can access the names, surnames, roles, departments, phone numbers, and IBANs of guides and other individuals in the system. You can also view their lesson schedules.
- On the Puantaj Page, you can record and submit your workload within the monthly calendar. The system will automatically calculate your total workload, and you can then wait for your payment.
- If you have the role of an advisor or higher, you can accept or reject tour applications via the Review Tour Request section.
- In the Data Insights section, you can view graphical representations of the collected data and take rational actions accordingly.
- From the Register User section, you can add new candidate guides, guides, and advisors. You can also promote individuals to higher ranks.
- The Real-time Status section allows you to communicate with other guides during tours, track their locations, and share your own. This ensures a smoother tour experience.
- If you are a candidate guide, guide, or advisor, you can view feedback given to you by others in the Feedback Page and write feedback for them as well. If you hold the position of coordinator, secretary, or director, you can view feedback from schools regarding tours.
- From the Settings section at the bottom left, you can manage your profile information, learn more about our application and organization, and adjust your preference.

This is the Dashboard Page for the Advisors

Dashboard for Access Type 2 (Guides)

The screenshot shows the BTO Core dashboard for guides. On the left, there's a sidebar with a profile picture of Egehan Yıldız and a "Dashboard" section containing links for "Tour Tables", "Info Page", "Puanlı Page", "Real-time Status", and "Feedback Page". At the bottom of the sidebar are "Log out" and "Settings" buttons. The main content area is titled "Welcome to BTO Core" and features a heading "Here is what you can do within this application". Below this are nine numbered points describing various features like tour tables, information tables, and real-time status. To the right of the text are two circular images showing groups of people in red shirts.

This is the Dashboard Page for the Guides

The screenshot shows the BTO Core dashboard for candidate guides. The layout is identical to the guide version, with a sidebar for Bertan Uran and a main content area titled "Welcome to BTO Core" with a "Here is what you can do within this application" section. It includes the same nine numbered points and two circular images of people in red shirts.

This is the Dashboard Page for the Candidate Guides

5. Guide Information Page

The screenshot shows the 'Guide Information' page. At the top, there's a profile picture of Ekin Köylü and her name. Below that is a sidebar with a 'Dashboard' section containing links like 'Tour Tables', 'Info Page', 'Puantaj Page', etc., and a 'Log out' button. The main area has a title 'Guide Information' and a search/filter bar with fields for 'Enter name', 'Role', 'Department', 'Day', 'Hours', and 'Sort by'. A large table lists guide information:

Name	Role	Department	Phone Number	IBAN No	View Schedule
Bertan Uran	Candidate Guide	CS	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Ekin Köylü	Advisor	CS	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
İlke Latifoğlu	Guide	CS	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Egehan Yıldız	Advisor	IE	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Emre Yazıcıoğlu	Candidate Guide	EE	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Anıl Koyuncu	Advisor	CS	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Ahmet Arda Ceylan	Guide	CS	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Murathan İşik	Candidate Guide	POLS	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Emine Noor	Candidate Guide	PSYC	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	
Eray İşçi	Guide	ARCH	111 222 33 44	TR33 0006 1005 1978 6457 8413 26	

This is the Guide Information page where users can view information about Guides.

6. Tour Approval Page

The screenshot shows the 'Tour Approval' page. It has a similar sidebar to the previous page. The main area has a title 'Tour Approval' and a table listing tour applications:

Status	School Name	City	Date	Time	People	Counselor	Place	Filled in
Canceled	School A	Ankara	December 17	11.00	49	Counselor A	BZ-08	November 10
Approved	School B	Istanbul	January 3	11.00	82	Counselor B	SA-Z18	December 3
Waiting	School C	Izmir	December 31	16.00	110	Counselor C	C Hall	November 27
Waiting	School D	Bursa	December 7	11.00	59	Counselor D	Mithat Coruh	October 31

This page allows the user to manage the status of applications to approve, hold or cancel tour applications.

7. Tour Assignment Page

Ekin Köylü

Tour Assignment

Date	Day	Time	School Name	City	People	Guide #	Guide 1	Guide 2
September 22	Friday	11.00	School A	Ankara	49	1	Guide Name ▾	Guide Name ▾
September 26	Tuesday	11.00	School B	Istanbul	82	2	Guide Name ▾	Guide Name ▾
October 2	Monday	16.00	School C	İzmir	110	3	Guide Name ▾	Guide Name ▾
October 3	Tuesday	11.00	School D	Bursa	59	1	Guide Name ▾	Guide Name ▾

Dashboard

- Tour Tables
- Info Page
- Puantaj Page
- Review Tour Request
- Data Insights
- Register User
- Real-time Status
- Feedback Page

Log out

This is the Tour Assignment Page where Guides can assign themselves.

8. Real-Time Status Page

Ekin Köylü

Real Time Status

Status	Point	ID
Done	Library	83
Done	Faculty Buildings	84
Ongoing	Dorm Sports Hall	85
Upcoming	Dorm 81&82	86

Map View

Dashboard

- Tour Tables
- Info Page
- Puantaj Page
- Review Tour Request
- Data Insights
- Register User
- Real-time Status
- Feedback Page

Log out

This page allows guides to follow the progress of the tour in real time by seeing the current status and location of the points visited during the tour.

9. Puantaj Page

The screenshot shows the Puantaj Page for Guides. On the left is a sidebar with a profile picture of Ekin Köylü and a dashboard menu. The main area has two tables: 'Tours' and 'Other Work'. Both tables have columns for Date, Day, Time, School Name/City, People, Workload, and Status/Type. Below the tables are search/filter fields for Type of Work, Date, City, School, and Workload, along with buttons for 'Edit Work' and 'Add work'.

Date	Day	Time	School Name	City	People	Workload	Status
September 22	Friday	11.00	School A	Ankara	49	120 min	Waiting
September 26	Tuesday	11.00	School B	İstanbul	82	90 min	Approved

Date	Day	Time	Type	Workload	Status
September 22	Friday	11.00	Fair	120 min	Waiting
September 26	Tuesday	11.00	Interview	90 min	Approved

Search/Filter:
Type of Work: Dropdown
Date: Input
City: Dropdown
School: Dropdown
Workload: Input (138)
People: Input (138)
Buttons: Edit Work, Add work

This is the Puantaj Page for Guides to add or edit their work and to see status of approval.

The screenshot shows the Puantaj Page for the Secretary. It has the same layout as the Guide version, with a sidebar and a main area for 'Tours' and 'Other Work' tables. The 'Tours' table includes a 'Guide' column and an 'Approve' column with checkboxes. The 'Other Work' table includes a 'Guide' column and an 'Approve' column with checkboxes. A 'Save' button is located at the bottom right.

Date	Day	Time	School Name	City	People	Guide	Workload	Approve
September 22	Friday	11.00	School A	Ankara	49	Bertan Uran	120 min	<input type="checkbox"/>
September 26	Tuesday	11.00	School B	İstanbul	82	Emre Yazıcıoğlu	90 min	<input type="checkbox"/>
October 2	Monday	16.00	School C	İzmir	110	İlke Latifoglu	50 min	<input type="checkbox"/>

Date	Day	Time	Type	Guide	Workload	Approve
September 22	Friday	11.00	Fair	Merve Güleç	120 min	<input type="checkbox"/>
September 26	Tuesday	11.00	Interview	Egehan Yıldız	90 min	<input type="checkbox"/>
October 2	Monday	16.00	Information Booth	Ekin Köylü	50 min	<input type="checkbox"/>

Search/Filter:
Type of Work: Dropdown
Date: Input
City: Dropdown
School: Dropdown
Workload: Input (138)
People: Input (138)
Buttons: Save

This is the Puantaj Page for the Secretary to see work that is waiting for approval and to approve.

10. Data Page

Data Page

Dashboard

Number of Tours Arranged

Day	Number of Tours
Mon.	5
Tue.	8
Wed.	2
Thu.	4
Fri.	6

Number of Tours Arranged - Cities

City	Number of Tours
Ankara	10
İzmir	6
Istanbul	7
Konya	12
Rize	1
İğdır	3
Ordu	1
Sivas	4
Uşak	3

Number of Tours Arranged - Cancelled

Status	Number of Tours
Cancelled	5
Done	15

Log out

This is the Data Page for the Director to monitor data of the tours.

11. Feedback Page

School Feedbacks

Ankara Atatürk Anadolu Lisesi: Tur çok keyifli ve öğreticiydi. Tur rehberimiz her konuda bize çok yardımcı oldu. Öğrenciler ...
Guide: Merve Güleç, Supervisor Guide: ... [Read more](#)

Ankara Atatürk Anadolu Lisesi: Tur çok keyifli ve öğreticiydi. Tur rehberimiz her konuda bize çok yardımcı oldu. Öğrenciler ...
Guide: Merve Güleç, Supervisor Guide: ... [Read more](#)

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Guide: Merve Güleç, Supervisor Guide: ... [Read more](#)

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Guide: Merve Güleç, Supervisor Guide: ... [Read more](#)

Ankara Atatürk Anadolu Lisesi: Tur çok keyifli ve öğreticiydi. Tur rehberimiz her konuda bize çok yardımcı oldu. Öğrenciler ...
Guide: Merve Güleç, Supervisor Guide: ... [Read more](#)

← →

This page is where the Coordinator, Secretary and Director will view feedback from schools that have come to the tour.

The screenshot shows the Feedback Management System's user interface. On the left, there is a sidebar with a profile picture of Ekin Köylü and the name "Ekin Köylü". Below the profile, there is a "Dashboard" section with several menu items: "Tour Tables", "Info Page", "Puantaj Page", "Review Tour Request", "Data Insights", "Register User", "Real-time Status", and "Feedback Page". At the bottom of the sidebar are "Log out" and a refresh button.

The main area contains two sections: "Incoming Feedbacks" and "Previously Written Feedbacks".

- Incoming Feedbacks:** Shows two messages:
 - From Ekin Köylü: The tour was excellent, very informative for me and I will continue to participate in the tours ... [Read more](#)
 - From Bertran Uran: This tour was tiring and I took one of the students to the health center as he had a problem ... [Read more](#)
- Previously Written Feedbacks:** Shows two messages:
 - To Ekin Köylü: The tour was excellent, very informative for me and I will continue to participate in the tours ... [Read more](#)
 - To Bertran Uran: This tour was tiring and I took one of the students to the health center as he had a problem ... [Read more](#)

Below these sections is a "Write a Feedback" form. It includes a dropdown menu labeled "Select a Person...", a text area for "Write your feedback here...ajwgajwgjagjja", and a "Send Feedback" button. To the right of the feedback form is an "Attachments" section with a file icon, a "Drag and drop or choose" placeholder, and a "Upload" button.

This page is where Guide, Candidate Guide and Advisor can write feedback for the tours they have done and send them to the relevant person and see the feedback they receive. They can also view the feedback they have written before

The screenshot shows a simplified feedback form titled "Feedback Form". It has a dropdown menu labeled "School" and a large text area for "Write your feedback here ...". At the bottom is a "Send Feedback" button.

Feedback page to be sent to schools by email.

12. Settings Page

- Account

The screenshot displays the 'Settings' page for a user named Ekin Köylü. On the left, a sidebar menu titled 'Dashboard' lists various options: Tour Tables, Info Page, Puantaj Page, Review Tour Request, Data Insights, Register User, Real-time Status, and Feedback Page. Below the sidebar are 'Log out' and a refresh button. The main content area is divided into two sections: 'Account' and 'Personal information'. The 'Account' section shows a profile picture of Ekin Köylü and her name. The 'Personal information' section contains the following details:

Personal information		Edit	
First Name	Ekin	Last Name	Köylü
Email address	elkin.koylu@ug.bilkent.edu.tr		
IBAN	1234		

This is the page where users will update their account information.

- Change Password

The screenshot shows a user profile for 'Ekin Köylü' on the left. The main content area is titled 'Settings' and contains a 'Change Password' section. This section includes fields for 'Current Password', 'New Password', and 'Repeat Password', each with a visibility toggle icon. Below these fields are 'Save' and 'Cancel' buttons. The background features a light gray gradient.

This is the page where users can change their passwords.

- Appearance

The screenshot shows the same user profile and sidebar as the previous page. The main content area is titled 'Settings' and contains an 'Appearance' section. This section is titled 'Select or customize your UI theme' and offers three options: 'System Preference' (selected), 'Light', and 'Dark', each with a toggle switch. Below these options are 'Save' and 'Cancel' buttons. The background has a light gray gradient.

This is the page where users will change the appearance of the application.

- Help and Support

Ekin Köylü

Dashboard

- Tour Tables
- Info Page
- Puantaj Page
- Review Tour Request
- Data Insights
- Register User
- Real-time Status
- Feedback Page

Log out **Help**

Settings

- Account
- Change Password
- Appearance
- Help and Support
- About

Help and Support

FAQ

Q: "How can I schedule a tour?"
A: "After logging in, go to the 'Highschool Application Tracking System' on your dashboard, select an available date and time, and follow the on-screen instructions to complete your booking."

For more questions and answers, please [click here](#).

How to Use BTO Core?

To learn more, please [click here](#) for the detailed user manual and comprehensive tutorial videos that will guide you through using BTO Core efficiently.

Contact us

For support, email us at btocoresupport@gmail.com

This is the page where BTO Core users will access frequently asked questions, user guides and contact information with the support team.

- About

Ekin Köylü

Dashboard

- Tour Tables
- Info Page
- Puantaj Page
- Review Tour Request
- Data Insights
- Register User
- Real-time Status
- Feedback Page

Log out **Help**

Settings

- Account
- Change Password
- Appearance
- Help and Support
- About

About

What BTO Core is?

BTO Core is a centralized platform designed for efficient tour management, data insights, and real-time updates. It helps users streamline tasks, improve organization, and access essential data securely.

Data Security

Data Security in BTO Core ensures all information is protected through role-based access, data encryption, and regular monitoring. We prioritize privacy and adhere to standards to maintain a safe and trusted platform for all users.

App Developers

Ekin Köylü	Egehan Yıldız	İlke Latifoğlu
Emre Yazıcıoğlu	Merve Güleç	Bertan Uran

This is the page containing information about the BTO Core platform, data security measures and details about the application developer team.

13. Forgot Password Page

Forgot Password

Enter the email associated with your account and we'll send an email with instructions to reset your password

Enter your email

Back to log in

Send

This is the page that gives instructions for resetting the password when the user forgets his/her password by entering the e-mail address associated with his/her account.

Create New Password

Password :

Enter a new password



Repeat Password :

Repeat your new password



Reset Password

This is the page that allows the user to set a new password and restore account security.