Test Cases

for

Online Student Representatives Election System

Prepared by Group 1

30.04.2023

1. Test Environment

1.1 OBS Data

#	name	surname	email	password	gpa	department_name	role
1	Efe	İncir	efeincir@std.iyte.edu.tr	12345	4	Computer Engineering	ADMIN
2	Tuğçe	Türkmenler	tugceturkmenler@std.iyte.edu.tr	12345	4	Computer Engineering	REPRESENTATIVE
3	Kerem Yavuz	Şenyurt	keremsenyurt@std.iyte.edu.tr	12345	4	Computer Engineering	VOTER
4	Aylin	Kocaman	aylinkocaman@std.iyte.edu.tr	12345	4	Chemical Engineering	CANDIDATE
5	Ali	Kaya	alikaya@std.iyte.edu.tr	12345	4	Chemical Engineering	CANDIDATE
6	Ahmet	Altın	ahmetaltin@std.iyte.edu.tr	12345	3.5	Energy Systems Engineering	VOTER
7	Mahmut	Gümüş	mahmutgumus@std.iyte.edu.tr	12345	3	Energy Systems Engineering	VOTER
8	Murat	Bronz	muratbronz@std.iyte.edu.tr	12345	3	Bioengineering	CANDIDATE
9	Melis	Elmas	meliselmas@std.iyte.edu.tr	12345	3	Energy Systems Engineering	CANDIDATE

1.2 Edevlet Data

#	name	surname	hasacriminal_record	is_affiliated_withabad_organization	is_member_ofapolitical_party_organ
1	Efe	İncir	FALSE	FALSE	FALSE
2	Tuğçe	Türkmenler	FALSE	FALSE	FALSE
3	Kerem Yavuz	Şenyurt	FALSE	FALSE	FALSE
4	Aylin	Kocaman	FALSE	FALSE	FALSE
5	Ali	Kaya	FALSE	FALSE	FALSE
6	Ahmet	Altın	FALSE	FALSE	FALSE
7	Mahmut	Gümüş	TRUE	TRUE	TRUE
8	Murat	Bronz	FALSE	FALSE	FALSE
9	Melis	Elmas	FALSE	FALSE	FALSE

1.3 Additional User Data

#	name	surname	role
1	Efe	İncir	ADMIN
2	Tuğçe	Türkmenler	REPRESENTATIVE
3	Kerem Yavuz	Şenyurt	VOTER
4	Aylin	Kocaman	CANDIDATE
5	Ali	Kaya	CANDIDATE
6	Ahmet	Altın	VOTER
7	Mahmut	Gümüş	VOTER
8	Murat	Bronz	CANDIDATE
9	Melis	Elmas	CANDIDATE

1.3 Election Data

#	Election name	status	winner
1	2022-2023 Spring | Computer Engineering Department Representative Election	finished	Tuğçe Türkmenler
2	2022-2023 Spring | Chemical Engineering Department Representative Election	ongoing	-
3	2022-2023 Spring | Bioengineering Department Representative Election	ongoing	-
4	2022-2023 Spring | Energy Systems Engineering Department Representative Election	upcoming	-

1.4 Election Candidates Data

#	Election name	candidate name	candidate surname
1	2022-2023 Spring | Computer Engineering Department Representative Election	Tuğçe	Türkmenler
2	2022-2023 Spring | Chemical Engineering Department Representative Election	Aylin	Kocaman
3	2022-2023 Spring | Chemical Engineering Department Representative Election	Ali	Kaya
4	2022-2023 Spring | Bioengineering Department Representative Election	Murat	Bronz
5	2022-2023 Spring | Energy Systems Engineering Department Representative Election	Melis	Elmas

2. Test Cases

2.1 User Test Cases

<u>Login:</u> Email: tugceturkmenler@std.iyte.edu.tr Password: 12345 (for all User Test Cases)

2.1.1 User Login Test Case

Use Case ID	UUC1		
Test Scenario ID	Login-1	Test Case ID	Login-1A
Test Case Description	Login - Positive test case	Test Priority	High
Pre-Requisite	User's data exists in OBS Database.	Post-Requisite	The user has logged in to the system.
Designed-by	Alper Kaan Gayretoğlu	Executed-by	
Design date	19/04/2023	Execution date	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app/login	[Figure 1] Login Page		CHROME 110.0 (64-BIT)		
2	Enter correct email & password and hit login button	E-mail: tugceturkmenler@std.iyte.edu.tr Password: 12345	[Toast 1] {Toast Message} = Login Success		CHROME 110.0 (64-BIT)		
3	-	-	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		

Use Case ID	UUC1			
Test Scenario ID	Login-1	Test Case ID		Login-1B
Test Case Description	Login - Negative test case - 1	Test Priority		High
Pre-Requisite	NA	Post-Requisite		NA
Designed-by	Alper Kaan Gayretoğlu	Executed-by		
Design date	19/04/2023	Execution date		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app/login	[Figure 1] Login Page		CHROME 110.0 (64-BIT)		
2	Enter invalid / nonexistent email and any password and hit login button	Email: invalid@std.iyte.edu.tr Password: 123	[Toast 2] {Toast Message} = You have entered some of the fields incorrectly.		CHROME 110.0 (64-BIT)		

Use Case ID	UUC1				
Test Scenario ID	Login-1		Test Case ID	Login-1C	
Test Case Description	Login - Negative test case - 2		Test Priority	High	
Pre-Requisite	NA		Post-Requisite	NA	
Designed-by	Alper Kaan Gayretoğlu		Executed-by		
Design date	19/04/2023		Execution date		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app/login	[Figure 1] Login Page		CHROME 110.0 (64-BIT)		
2	Enter valid email but incorrect password and hit login button	E-mail: tugceturkmenler@std.iyte.edu.tr Password: 123	[Toast 2] {Toast Message} = You have entered some of the fields incorrectly.		CHROME 110.0 (64-BIT)		

2.1.2 User Logout Test Case

Use Case ID	UUC2			
Test Scenario ID	Logout-1	Test Case ID		Logout-1A
Test Case Description	Logout - Positive Test Case	Test Priority		Medium
Pre-Requisite	The user is logged in to the system.	Post-Requisite		The user has logged out from the system.
Designed-by	Alper Kaan Gayretoğlu	Executed-by		
Design date	19/04/2023	Execution date		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app/{any-valid-page}	[Figure 2] Any Page		CHROME 110.0 (64-BIT)		
2	Click on the top right button that has the name and a picture of the user and choose the "Logout" option.	-	[Popup 2] {Pop-up Message} = You are about to logout, if you are sure you want to do this, press Yes		CHROME 110.0 (64-BIT)		
3	Press the Yes button on the Toast		[Figure 1] Login Page		CHROME 110.0 (64-BIT)		

Use Case ID	UUC2			
Test Scenario ID	Logout-1	**Test Case ID**	Logout-1B	
Test Case Description	Logout - Negative test case	**Test Priority**	Medium	
Pre-Requisite	The user is logged in to the system.	**Post-Requisite**	NA	
Designed-by	Alper Kaan Gayretoğlu	**Executed-by**		
Design date	23/05/2023	**Execution date**		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app/{any-valid-page}	[Figure 2] Any Page		CHROME 110.0 (64-BIT)		
2	Click on the top right button that has the name and a picture of the user and choose the "Logout" option.	-	[Popup 2] {Pop-up Message} = You are about to logout, if you are sure you want to do this, press Yes		CHROME 110.0 (64-BIT)		
3	Press the No button on the Toast		Same Page		CHROME 110.0 (64-BIT)		

2.1.3 User View Profile Test Case

Use Case ID	UUC3			
Test Scenario ID	View Profile-1	**Test Case ID**	View Profile-1	
Test Case Description	View Profile	**Test Priority**	High	
Pre-Requisite	Student is logged in to the system.	**Post-Requisite**	User views profile	
Designed-by	Muhammed Efe İncir	**Executed-by**		
Design date	19/04/2023	**Execution date**		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the top right button that has the name and a picture of the user and choose the Profile option	-	[Figure 4] Profile Page		CHROME 110.0 (64-BIT)		

2.1.4 User See Election Results Test Case

Use Case ID	UUC4				
Test Scenario ID	See Election Results-1		**Test Case ID**	See Election Results-1	
Test Case Description	See Election Results		**Test Priority**	High	
Pre-Requisite	All rounds of the election are done, and the results are ready.		**Post-Requisite**	The user is informed about the election results	
Designed-by	İsmail Günay		**Executed-by**		
Design date	19/04/2023		**Execution date**		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Announcements link at the top of the page	https://student-council-election-system-frontend.vercel.app/announcements	[Figure 5] Announcement Page		CHROME 110.0 (64-BIT)		
2	Click on the "See Election Results" button	-	[Figure 6] Election Results		CHROME 110.0 (64-BIT)		

		(The contents of the page according to Test Environment will be as follows): Computer Engineering Tuğçe Türkmenler					

2.2 Admin Test Cases

<u>Login:</u> Admin Email: efeincir@std.iyte.edu.tr Admin Password: 12345 **(For All Admin Test Cases)**

2.2.1 Admin Create Election Test Case

Use Case ID	AUC1		
Test Scenario ID	Create Election-1	**Test Case ID**	Create Election-1A
Test Case Description	Create Election - Positive test case	**Test Priority**	High
Pre-Requisite	Admin is logged in to the system.	**Post-Requisite**	The election has been created.
Designed-by	Alper Kaan Gayretoğlu	**Executed-by**	
Design date	19/04/2023	**Execution date**	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Create Election link at the top of the page	https://student-council-election-system-frontend.vercel.app/create-election	[Figure 7] Election Creation Page		CHROME 110.0 (64-BIT)		

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
2	Enter the required parameters for an election to be created	Department: Mechanical Engineering ==StartingDate: 2023-07-10 EndingDate: 2023-07-11== StartingTime: 12:00 EndingTime: 12:00	Filled out election creation form		CHROME 110.0 (64-BIT)		
3	Press the "Create Election" button	-	==[Toast 1] {Toast Message} = Election has been created and [Figure 7] Election Creation Page (all fields have been emptied out)==		CHROME 110.0 (64-BIT)		

Use Case ID	AUC1		
Test Scenario ID	Create Election-1	Test Case ID	Create Election-1B
Test Case Description	Create Election – ==Negative test case - 1==	Test Priority	High
Pre-Requisite	Admin is logged in to the system.	Post-Requisite	NA
Designed-by	Alper Kaan Gayretoğlu	==Executed-by==	
Design date	19/04/2023	==Execution date==	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Create Election link at	https://student-council-election-system-frontend.vercel.app/create-election	[Figure 7] Election		CHROME 110.0 (64-BIT)		

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
	the top of the page		Creation Page				
3	Enter only some of the required parameters	Department: Mathematics StartingDate: EndingDate: 2023-07-12 StartingTime: 12:00 EndingTime: 12:00	{Input Message} = Start date is required		CHROME 110.0 (64-BIT)		

Use Case ID	AUC1			
Test Scenario ID	Create Election-1	Test Case ID	Create Election-1C	
Test Case Description	Create Election – Negative test case - 2	Test Priority	High	
Pre-Requisite	Admin is logged in to the system.	Post-Requisite	NA	
Designed-by	Alper Kaan Gayretoğlu	Executed-by		
Design date	08/05/2023	Execution date		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Create Election link at the top of the page	https://student-council-election-system-frontend.vercel.app/create-election	[Figure 7] Election Creation Page		CHROME 110.0 (64-BIT)		
3	Enter an election start date that	Department: Food Engineering StartingDate: 2023-07-15 EndingDate: 2023-07-13	[Toast 2] {Toast Message}		CHROME 110.0 (64-BIT)		

comes after the end date	StartingTime: 12:00 EndingTime: 12:00	= Start date can't come after the end date of an election				

Use Case ID	AUC1			
Test Scenario ID	Create Election-1		Test Case ID	Create Election-1D
Test Case Description	Create Election – Negative test case - 3		Test Priority	High
Pre-Requisite	Admin is logged in to the system.		Post-Requisite	NA
Designed-by	Alper Kaan Gayretoğlu		Executed-by	
Design date	08/05/2023		Execution date	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Create Election link at the top of the page	https://student-council-election-system-frontend.vercel.app/create-election	[Figure 7] Election Creation Page		CHROME 110.0 (64-BIT)		
3	Enter an election start	Department: Civil Engineering	[Toast 2]		CHROME 110.0		

	date that is before the current date	StartingDate: 2023-07-01 EndingDate: 2023-07-02 StartingTime: 12:00 EndingTime: 12:00	{Toast Message} = Start date can't be before the current date		(64-BIT)		

2.2.2 Admin Announce the Election Date to Students Test Case

Use Case ID	AUC2				
Test Scenario ID	Announce the Election Date-1		Test Case ID		Announce the Election Date-1
Test Case Description	Announce the Election Date		Test Priority		High
Pre-Requisite	Admin is logged in to the system. The election that is going to be announced, has already been created.		Post-Requisite		Announcement has been made to the announcement page
Designed-by	Muhammed Efe İncir		Executed-by		
Design date	19/04/2023		Execution date		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Upcoming Elections Button	https://student-council-election-system-	[Figure 13] Upcoming Elections Page		CHROME 110.0 (64-BIT)		

		frontend.vercel.app/elections/upcoming					
3	Click on the Energy Systems Election	https://student-council-election-system-frontend.vercel.app/elections/detail/{id}	[Figure 8] Election Page		CHROME 110.0 (64-BIT)		
4	Click on the button called "Announce the Election to Students"	-	[Toast 1] {Toast Message} = The announcement has been made successfully		CHROME 110.0 (64-BIT)		
5	Click on the Announcements link at the top of the page	-	[Figure 5] Announcement Page [NEW] Election for Energy Systems Engineering Department!				

2.2.4 Admin Re-election Process Test Case

Use Case ID	AUC4		
Test Scenario ID	Re-election Process-1	Test Case ID	Re-election Process-1A
Test Case Description	Re-election Process – Positive Test Case	Test Priority	High
Pre-Requisite	Admin is logged in. The representative of the department could not be elected because the absolute majority could not be obtained.	Post-Requisite	Re-election held for student representative election system.

Designed-by	Yaşar Mehmet Bağdatlı	**Executed-by**	
Design date	19/04/2023	**Execution date**	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Finished Elections Button	https://student-council-election-system-frontend.vercel.app/elections/finished	[Figure 14] Finished Elections Page		CHROME 110.0 (64-BIT)		
3	Click on the Computer Engineering Department Election	https://student-council-election-system-frontend.vercel.app/elections/detail/{id}	[Figure 8] Election Page		CHROME 110.0 (64-BIT)		
4	Press the "Run the election again" button	-	[Figure 7] Election Creation Page		CHROME 110.0 (64-BIT)		
5	Enter the necessary parameters to run the election again	Department: {auto-filled} StartingDate: 2023-07-11 EndingDate: 2023-07-12 StartingTime: 12:00 EndingTime: 12:00	[Toast 1] {Toast Message} = Election has been created		CHROME 110.0 (64-BIT)		

Use Case ID	AUC4		
Test Scenario ID	Re-election Process-1	**Test Case ID**	Re-election Process-1B
Test Case Description	Re-election Process – Negative Test Case	**Test Priority**	High

Pre-Requisite	Admin is logged in.		Post-Requisite	NA	
Designed-by	Yaşar Mehmet Bağdatlı		**Executed-by**		
Design date	19/04/2023		**Execution date**		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Finished Elections Button	https://student-council-election-system-frontend.vercel.app/elections/finished	[Figure 14] Finished Elections Page		CHROME 110.0 (64-BIT)		
3	Click on the Computer Engineering Department Election	https://student-council-election-system-frontend.vercel.app/elections/detail/{id}	[Figure 8] Election Page		CHROME 110.0 (64-BIT)		
4	Press the "Run the election again" button	-	[Figure 7] Election Creation Page		CHROME 110.0 (64-BIT)		
5	Enter only some of the required parameters	Department: {auto-filled} StartingDate: EndingDate: 2023-07-12 StartingTime: 12:00 EndingTime: 12:00	{Input Message} = Start date is required		CHROME 110.0 (64-BIT)		
6	Enter an election start date that comes after the end date	Department: {auto-filled} StartingDate: 2023-07-13 EndingDate: 2023-07-12 StartingTime: 12:00 EndingTime: 12:00	[Toast 2] {Toast Message} = Start date can't come after the end date of an election		CHROME 110.0 (64-BIT)		
7	Enter an election start date that is	Department: {auto-filled} StartingDate: 2023-07-01 EndingDate: 2023-07-02	[Toast 2] {Toast Message} =		CHROME 110.0 (64-BIT)		

before the current date	StartingTime: 12:00 EndingTime: 12:00	Start date can't be before the current date				

2.2.5 Admin End Election Test Case

Use Case ID	AUC5		
Test Scenario ID	End Election-1	Test Case ID	End Election-1
Test Case Description	End Election	Test Priority	High
Pre-Requisite	The voting process has finished. <mark>Admin is logged in to the system.</mark>	Post-Requisite	Votes are counted by the system and the administrator has been informed.
Designed-by	Yaşar Mehmet Bağdatlı	<mark>Executed-by</mark>	
Design date	19/04/2023	<mark>Execution date</mark>	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Ongoing	https://student-council-election-system-	[Figure 14] Ongoing		CHROME 110.0		

		Elections Button	frontend.vercel.app/elections/ongoing	Elections Page		(64-BIT)		
3	Click on the Chemical Engineering Election	https://student-council-election-system-frontend.vercel.app/elections/detail/{id}	[Figure 8] Election Page		CHROME 110.0 (64-BIT)		
4	Press the "End the Election" button	-	[Toast 1] {Toast Message} = The election has ended, and the results have been announced.		CHROME 110.0 (64-BIT)		
5	Click on the Announcements link at the top of the page	-	[Figure 5] Announcement Page The 2022-2023 SPRING | Chemical Engineering Department Representative Election election has ended. The winner is Aylin Kocaman				

2.3 Voter Test Cases

2.3.1 Voter Create a Candidacy Application Test Case

Login: Eligible Student Email: ahmetaltin@std.iyte.edu.tr **Eligible Student Password:** 12345

Use Case ID	VUC1			
Test Scenario ID	Create a Candidacy Application-1		**Test Case ID**	Create a Candidacy Application-1A
Test Case Description	Create a Candidacy Application - Positive test case		**Test Priority**	High
Pre-Requisite	<mark>User's data exists in OBS Database.</mark> Student is logged in to the system. Student is not a candidate. Student is eligible.		**Post-Requisite**	Candidacy Application Created
Designed-by	Muhammed Efe İncir		<mark>**Executed-by**</mark>	
Design date	19/04/2023		<mark>**Execution date**</mark>	
Test Execution Steps:							

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments

1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Profile at the top right	https://student-council-election-system-frontend.vercel.app/profile	[Figure 4] Profile Page		CHROME 110.0 (64-BIT)		
3	Click on the "Become a Candidate" button	-	[Toast 1] {Toast Message} = Submission was successful		CHROME 110.0 (64-BIT)		
4	Click on the "Checkout Application Status" button	-	[Toast 1] {Toast Message} = Your application has been accepted; you are a candidate now		CHROME 110.0 (64-BIT)		

Login: **Noneligible Student Email:** mahmutgumus@std.iyte.edu.tr **Noneligible Student Password:** 12345

Use Case ID	VUC1		
Test Scenario ID	Create a Candidacy Application-1	**Test Case ID**	Create a Candidacy Application-1B
Test Case Description	Create a Candidacy Application - Negative test case	**Test Priority**	High
Pre-Requisite	User's data exists in OBS Database. Student is logged in to the system. Student is not a candidate. Student is not eligible.	**Post-Requisite**	NA
Designed-by	Muhammed Efe İncir	**Executed-by**	
Design date	19/04/2023	**Execution date**	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0 (64-BIT)		
2	Click on the Profile at the top right	https://student-council-election-system-frontend.vercel.app/profile	[Figure 4] Profile Page		CHROME 110.0 (64-BIT)		
3	Click on the "Become a Candidate" button	-	[Toast 1] {Toast Message} = Submission was successful		CHROME 110.0 (64-BIT)		
4	Click on the "Checkout Application Status" button	-	[Toast 2] {Toast Message} = Your application has been rejected. You will be able to apply again in 3 days		CHROME 110.0 (64-BIT)		

2.3.2 Voter Cast a Vote Test Case

Login: **Student Email:** muratbronz@std.iyte.edu.tr **Student Password: 12345**

Use Case ID	VUC2		
Test Scenario ID	Voter Cast a Vote-1	Test Case ID	Voter Cast a Vote-1A
Test Case Description	Voter Cast a Vote – Positive Test Case	Test Priority	High

Pre-Requisite	The designated time to vote must have arrived. The voter must have logged in to the system.	Post-Requisite	Voter has voted.
Designed-by	Tuğçe Türkmenler	**Executed-by**	
Design date	19/04/2023	**Execution date**	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0		
2	Click the "See Ongoing Elections" button	https://student-council-election-system-frontend.vercel.app/elections/ongoing	[Figure 12] Ongoing Elections		CHROME 110.0 (64-BIT)		
3	Click on the Bioengineering Department Election	https://student-council-election-system-frontend.vercel.app/elections/detail/{election-id}	[Figure 8] Election Page		CHROME 110.0 (64-BIT)		
4	Click on the Vote button	https://student-council-election-system-frontend.vercel.app/vote/{election-id}					
5	Choose the picture of candidate Murat Bronz and click the "Vote" button	Murat Bronz	[Toast 1] {Toast Message} = Your vote has been saved		CHROME 110.0 (64-BIT)		

Login: **Student Email:** keremsenyurt@std.iyte.edu.tr **Student Password: 12345**

Use Case ID	VUC2		
Test Scenario ID	Voter Cast a Vote-1	**Test Case ID**	Voter Cast a Vote-1B

Test Case Description	Voter Cast a Vote – Negative Test Case		Test Priority	High	
Pre-Requisite	The designated time to vote must have arrived. The voter must have logged in to the system.		Post-Requisite	NA	
Designed-by	Tuğçe Türkmenler		Executed-by		
Design date	19/04/2023		Execution date		

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0		
2	Click the "See Ongoing Elections" button	https://student-council-election-system-frontend.vercel.app/elections/ongoing	[Figure 12] Ongoing Elections		CHROME 110.0		
3	Click on the Bioengineering Department Election	https://student-council-election-system-frontend.vercel.app/elections/detail/{election-id}	[Figure 8] Election Page		CHROME 110.0 (64-BIT)		
4	Click on the Vote button	https://student-council-election-system-frontend.vercel.app/vote/{election-id}			CHROME 110.0 (64-BIT)		
5	Press the "Vote" button without choosing a candidate	-	[Toast 2] {Toast Message} = Please choose a candidate to vote		CHROME 110.0 (64-BIT)		

2.5 Candidate Test Cases

2.5.1 Candidate Withdraw from Candidacy Test Case

<u>Login</u>: **Candidate Email:** meliselmas@std.iyte.edu.tr **Candidate Password:** 12345

Use Case ID	CUC1			
Test Scenario ID	Withdraw from Candidacy -1		Test Case ID	Withdraw from Candidacy -1A
Test Case Description	Withdraw from Candidacy		Test Priority	High
Pre-Requisite	The student is a candidate.		Post-Requisite	The candidate has withdrawn from the candidacy.
Designed-by	Tuğçe Türkmenler		Executed-by	
Design date	08/05/2023		Execution date	

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0		
2	Click on the Profile at the top right	https://student-council-election-system-frontend.vercel.app/profile	[Figure 4] Profile Page		CHROME 110.0 (64-BIT)		
3	Press the "Withdraw from Candidacy" button	-	[Toast 2] {Toast Message} = Are you sure you want to withdraw from candidacy? This action cannot be undone.		CHROME 110.0 (64-BIT)		
4	Press the "No" button	Negative Choice	[Toast 1] {Toast Message}		CHROME 110.0 (64-BIT)		

		= Withdrawal has been canceled.				

Login: **Candidate Email:** meliselmas@std.iyte.edu.tr **Candidate Password:** 12345

Use Case ID	CUC1					
Test Scenario ID	Withdraw from Candidacy -1		**Test Case ID**	Withdraw from Candidacy -1B		
Test Case Description	Withdraw from Candidacy		**Test Priority**	High		
Pre-Requisite	The student is a candidate.		**Post-Requisite**	The candidate has withdrawn from the candidacy.		
Designed-by	Tuğçe Türkmenler		**Executed-by**			
Design date	08/05/2023		**Execution date**			

Test Execution Steps:

No	Action	Inputs	Expected Output	Actual Output	Test Env.	Test Result	Test Comments
1	Enter the website	https://student-council-election-system-frontend.vercel.app	[Figure 3] Main Page		CHROME 110.0		
2	Click on the Profile at the top right	https://student-council-election-system-frontend.vercel.app/profile	[Figure 4] Profile Page		CHROME 110.0 (64-BIT)		
3	Press the "Withdraw from Candidacy" button	-	[Toast 2] {Toast Message} = Are you sure you want to withdraw from candidacy? This action cannot be undone.		CHROME 110.0 (64-BIT)		
4	Press the "Yes" button	Positive Choice	[Toast 1] {Toast Message}		CHROME 110.0 (64-BIT)		

			= You have withdrawn from candidacy.				