

Introduction

This project was developed to facilitate the management of online elections for student representatives at the Université Internationale de Tunis. It is structured around two main interfaces: the administrator side and the voter side.

On the administrator side, the system enables the creation of unique voting codes for students within each degree program. These codes are distributed by the University administration to the corresponding students. The administrator also has the ability to add and edit candidates for each degree and monitor election results in real-time on election day.


The voter side allows students to access the voting platform using their unique code. Each voter will only be able to view and vote for candidates within their own degree program (the filter is applied depending on the entered code). They can only vote once.

In the background, votes are counted separately for each group of candidates according to their degree, with results displayed in real-time for the administrator and later shared with voters at the conclusion of the election.

The following pages provide examples of the various interfaces within the web application.

Administrator Interfaces

Login Interface ([index_connexion.php](#))






Accès administrateur

Username


Password

Displaying candidates ([manage_candidates.php](#))

Gestion des candidats

CIN/Passport	Nom	Prénom	Niveau	Photo	Actions
1245	ahmed	ahmed	L1SG		<input type="button" value="Modifier"/> <input type="button" value="Supprimer"/>
qsdsq	khalil	khalil	L3SG-FIN		<input type="button" value="Modifier"/> <input type="button" value="Supprimer"/>
654897	aymen	aymen	L2SG		<input type="button" value="Modifier"/> <input type="button" value="Supprimer"/>

Adding candidate (manage_candidates.php)

eaz	eazeaze	azea	IGL3		Modifi
qd					Modifi
dsf					Modifi
sdf					Modifi

Add New Candidate

CIN/Passport:


Nom:

Prénom:

Niveau:

Photo:
 Aucun fichier choisi

Modifying existing candidate (manage_candidates.php)


eaz					Modifi
qd					Modifi
dsf					Modifi
sdf					Modifi

Modifier candidat

Nom:

Prénom:

Niveau:

Photo:


Aucun fichier choisi

Generating unique voter codes according to the field of study and the number of students (manage_voters.php)

Générer des codes électeurs

Nombre de codes à générer: Niveau:

Codes électeurs

Codes pour le niveau IGL1 (Licence Informatique):

OUM7CI
422290
R66O7A

Codes pour le niveau IGL2 (Master Informatique):

GQVBU1
B70Z1I
WW2DIL
4YJIMC
L1HC0X
9SNM1I

Codes pour le niveau L1SG (Licence Gestion):

UEXNE2
BL419X
CPBHFF

Codes pour le niveau L2SG (Licence Gestion):

8JQGP5

Licence Gestion

L1SG

L2SG

L3SG-FIN

L3SG-MNG

Master Gestion

M1MRH

M1MAE

M1CCA

M2MRH

M2MAE

M2CCA

M2INF

Licence Droit

L1DP

L2DP

L3DP

Master Droit

M1DEA

M1DTN

M2DEA

Visualizing instant participation figures and results (per degree) (manage_voters.php)

Participation

Nombre de participants: 42

Pourcentage de participation: 76.19%

Résultats

Résultats pour le groupe Licence Gestion:

ahmed ahmed: 1 votes

aymen aymen: 3 votes

khalil khalil: 2 votes

Résultats pour le groupe Master Gestion:

fatma fatma: 1 votes

hlima hlima: 1 votes

lilia lilia: 2 votes

mariem mariem: 3 votes

Voter Interfaces

Login interface ([voter_dashboard.php](#))



The login interface for the Université Internationale de Tunis (UIT) features the university's logo on the left, which includes the acronym 'UIT' and an open book. To the right of the logo, the text 'UNIVERSITÉ INTERNATIONALE' is displayed in a large, bold, serif font, with 'TUNIS MMII' in a smaller font below it. Below the university name, there is a label 'Saisissez votre code électeur:' followed by a white text input field. Below the input field is a blue button labeled 'Connexion'.

Fail to login and visual indication (if they have already voted) ([voter_dashboard.php](#))



The login interface for the Université Internationale de Tunis (UIT) shows a failed login attempt. The layout is identical to the previous interface, but the text input field now contains the code 'GQVBU1'. Below the input field and the 'Connexion' button, a red message 'Vous avez déjà voté.' is displayed, indicating that the user has already voted.

Accessing different groups of candidates depending on the provided code (the degree)

(voter_dashboard.php)

The image displays two side-by-side screenshots of a web application interface for selecting candidates. Both screens have a light blue background and a white border.

Left Screenshot: The header text is "Sélectionnez votre candidat et cli". It shows two candidate cards. The first card features a man's portrait, the name "sdfsdf sdf", and "Niveau: L1DP". The second card features a woman's portrait, the name "sdfdfgfhfg sdfsf", and "Niveau: L2DP". Each card has a radio button at the bottom. A blue "Valider" button is at the bottom right.

Right Screenshot: The header text is "Sélectionnez votre candidat et cliquez sur Valider:". It shows five candidate cards arranged in two rows. The first row has three cards: "khaled khaled" (Niveau: M1ISI), "amin amin" (Niveau: IGL3), and "azeaze aeaze" (Niveau: M1ISI). The second row has two cards: "azea eazeaze" (Niveau: IGL3) and "azeqze qsdsqd" (Niveau: M2SSI). Each card has a radio button at the bottom. A blue "Valider" button is at the bottom right.

Successful vote and return to login page

(voter_dashboard.php)

The image shows a login page for "UNIVERSITÉ INTERNATIONALE". On the left is the university's logo, which includes the letters "UIT" above an open book. The text "UNIVERSITÉ INTERNATIONALE" is displayed in a serif font. A white modal box is centered on the screen, containing the message "Votre vote a été validé avec succès." and a blue "Close" button. At the bottom of the page is a blue button labeled "Connexion".