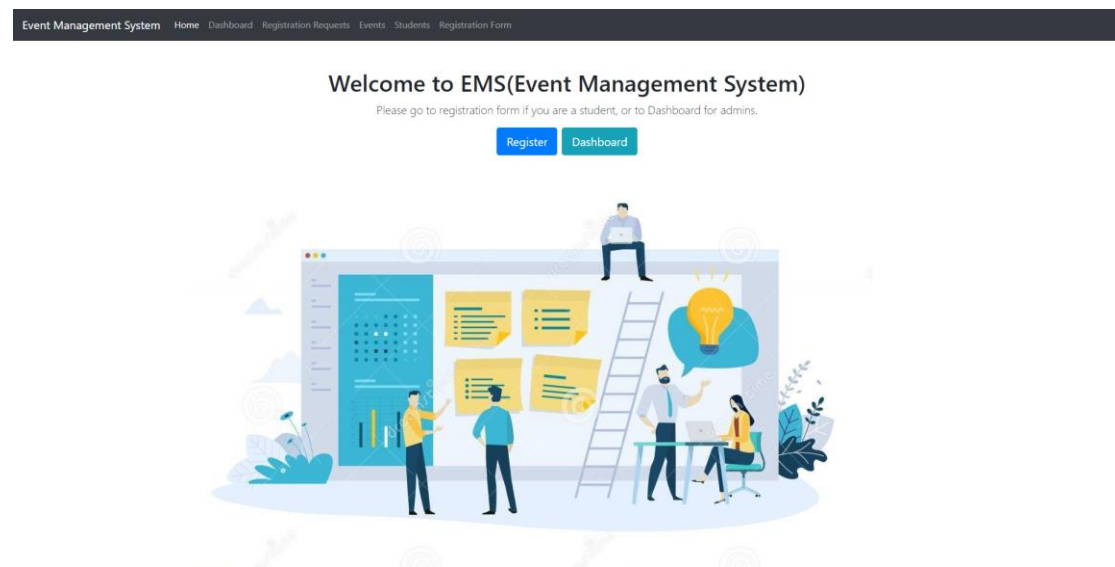


Event Management System (EMS)

Over all Description.

As of its title (EMS) has been prepared to manage students requests for joining some events. this application was developed using frameworks (.Net Core → API , and Angular 9 → frontend, in addition to using SQL Server DB)

First of all "Home" Interface appears in order to choose between (Admin role | and Student role) for the first step for user in side system
(Note: all interface are still available to visit regard less of first choice, as there is no login module for the system to distinguish between roles)



For student role, Student submit his own info using this form before navigating through the system and choosing an event to register for.

The screenshot shows the 'Registration Form' page of the Event Management System (EMS). At the top, a dark navigation bar contains the text 'Event Management System' followed by links: 'Home', 'Dashboard', 'Registration Requests', 'Events', 'Students', and 'Registration Form'. Below the navigation bar, the main content area has a heading 'EMS Registryon Form' and a subtext 'Welcome to EMS (Event Management System) in order to register through the system events, we need to know a little bit about you, Kindly fill out below data.' The form is titled 'Student Info' and contains several input fields: 'First name', 'Last name', 'University', 'Email' (with a dropdown for '@domain.com'), 'Address' (with a dropdown for '1234 Main St'), 'Student Id(Optional)', 'Age', and 'Gender' (with a dropdown). The form is styled with a light blue background and white input fields.

Some Fields of this form is mandatory, and it should follow a specific criteria, so when avoiding that, the registration form notify the student about these data like below

Event Management System

Home

Dashboard

Registration Requests

Events

Students

Registration Form

EMS Registryon Form

Welcome to EMS (Event Management System) in order to register through the system events, we need to know a little bit about you, Kindly fill out below data.

Name must be at least 3 characters long.

Last Name is required.

University is required.

Email is invalid

Gender is required.

Student Info

First name

An

Last name

University

University

Email

a@b

@domain.com

Address

Damascus

Student Id(Optional)

200

Age

20

Gender

When student enter his data in a correct way, submission button appears to submit this data

Event Management System

Home

Dashboard

Registration Requests

Events

Students

Registration Form

EMS Registryon Form

Welcome to EMS (Event Management System) in order to register through the system events, we need to know a little bit about you, Kindly fill out below data.

Student Info

First name

Anas

Last name

Aldarkashly

University

Damascus

Email

email@gmail.com

@domain.com

Address

Damascus

Student Id(Optional)

200

Age

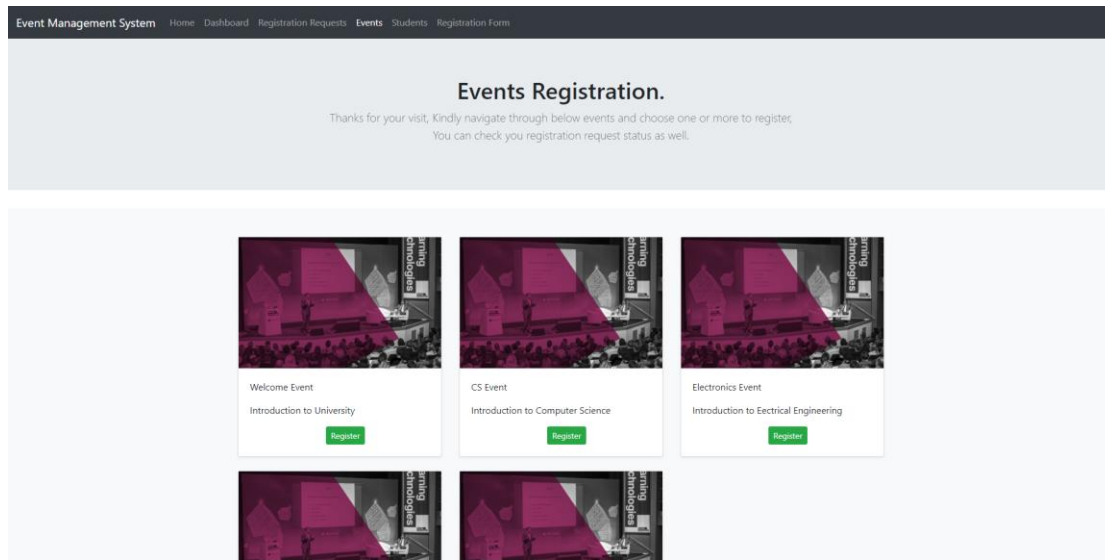
29

Gender

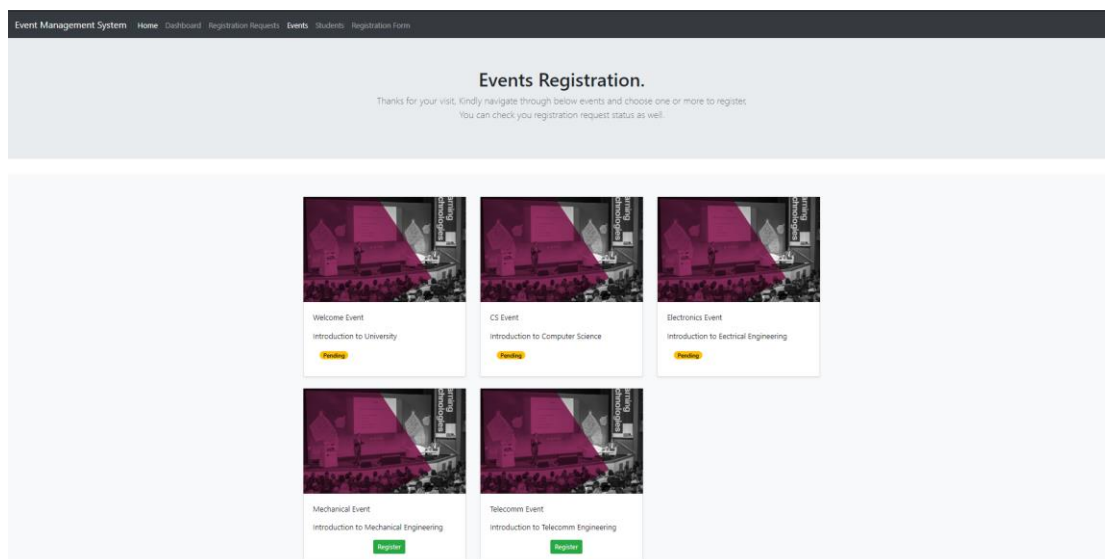
Female

Submit

After successful submission, system automatically takes the student to the events page
In order to choose one or more to register with



All Events are available for student to register until he takes the decision to go for one or more of them, once registration request submitted successfully, then and in the same event card, registration button disappears, and (pending) request status appears instead, to let student check his registration requests' status for each event in the same page immediately.



[for above sample student choose the first three events to attend, so request status appeared for them, while other two events are still available for registration]

Once requests sent -and from admin perspective - three new requests appears in registration requests table, with its current status(pending), in order to take an action for each.

Events Registration Requests

Below table contains all Events Registration requests sent by students, Kindly choose one and take the proper action.

Request ID	Student	Event	Request Status	Actions
1	Anas Aldrikshly	Welcome Event	Pending	<button>Accept</button> <button>Reject</button>
2	Anas Aldrikshly	CS Event	Pending	<button>Accept</button> <button>Reject</button>
3	Anas Aldrikshly	Electronics Event	Pending	<button>Accept</button> <button>Reject</button>

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Approve and reject actions are available in line for admin to take for each request, Where request status updated immediately if (Approve/Reject) request processed successfully.

Events Registration Requests


Below table contains all Events Registration requests sent by students, Kindly choose one and take the proper action.

Request ID	Student	Event	Request Status	Actions
1	Anas Aldrikshly	Welcome Event	Accepted	
2	Anas Aldrikshly	CS Event	Rejected	
3	Anas Aldrikshly	Electronics Event	Pending	<button>Accept</button> <button>Reject</button>

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[above screenshot demonstrate that's admin approved the first request and reject the second one, where the third one left pending]

When action takes place, request's new status reflected as well to events interface for student in order to check




Welcome Event
Introduction to University

Approved




CS Event
Introduction to Computer Science

Rejected




Electronics Event
Introduction to Electrical Engineering

Pending



Mechanical Event
Introduction to Mechanical Engineering

Register



Telecomm Event
Introduction to Telecomm Engineering

Register

[New requests' status on event's page]

Admin my wish to check student info before taking action, so admin can move to students list interface and filter by student name in order to check his info
[features of filtering – sorting are all available for all fields in students' Interface in addition to pagination]

As following

Event Management System
Home
Dashboard
Registration Requests
Events
Students
Registration Form

Students List

Below table contains all students data to whom fill out the registration form.

ID	Firstname	Lastname	University	Email	Student_Id	Address
1	Anas	Aldrkshly	Damascus University	anas.aldrkshly@gmail.com	100	Damascus
2	Ahamd	Alshami	Damascus University	AAshami@gmail.com	101	Damascus
3	Akram	Alhalabi	Damascus University	AAhalabi@gmail.com	102	Damascus
4	Haider	Alhomali	Damascus University	MAhomali@gmail.com	103	Cairo
5	Kamal	Almeri	Cairo University	KAlmeri@gmail.com	104	Cairo

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Event Management System
Home
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Registration Form

Students List

Below table contains all students data to whom fill out the registration form.

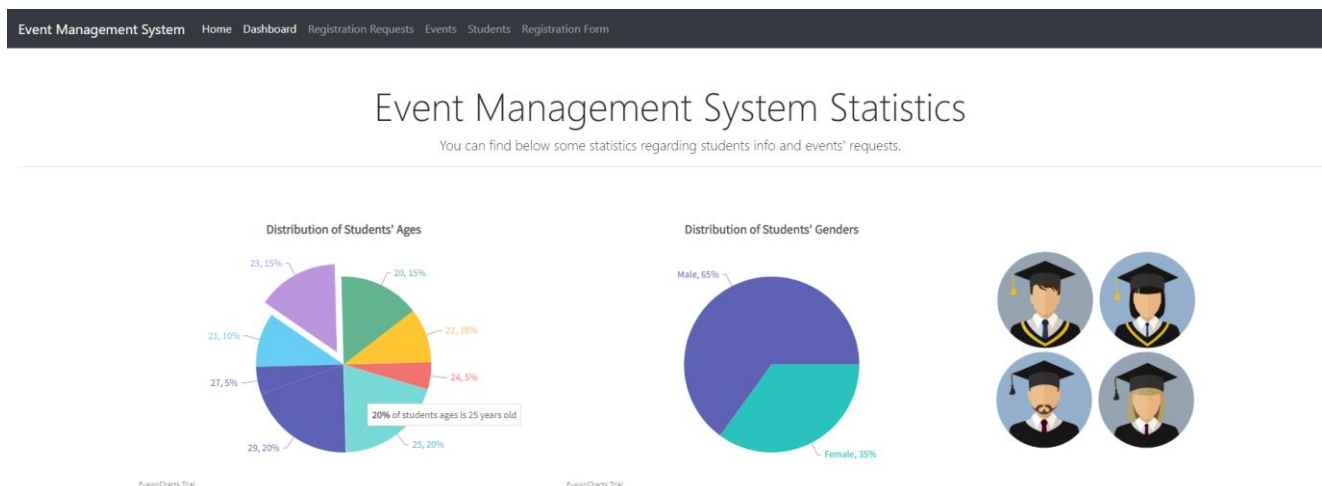
Address	Email	Student_Id	Address	Y	Age	RegisterDate
Dubai	AAhindi@gmail.com	106	Dubai	24	24	Sat Feb 15 2020 00:00:00 GMT+0200 (Eastern European Standard Time)
Dubai	KAlmasri@gmail.com	107	Dubai	22	22	Sat Feb 15 2020 00:00:00 GMT+0200 (Eastern European Standard Time)
Dubai	MAJazaeri@gmail.com	108	Dubai	20	20	Sat Feb 15 2020 00:00:00 GMT+0200 (Eastern European Standard Time)
Dubai	AAhindi@gmail.com	119	Dubai	23	23	Sat Feb 15 2020 00:00:00 GMT+0200 (Eastern European Standard Time)

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Regarding student's data, We can develop many statistics based on, and some of them were applied inside the dashboard interface as following :

1. Distribution of students' gender
For all of system students the percentage of Male Vs. Female
2. Distribution of students' Ages
For all of system students the percentage of each available age for students to overall count of students ages

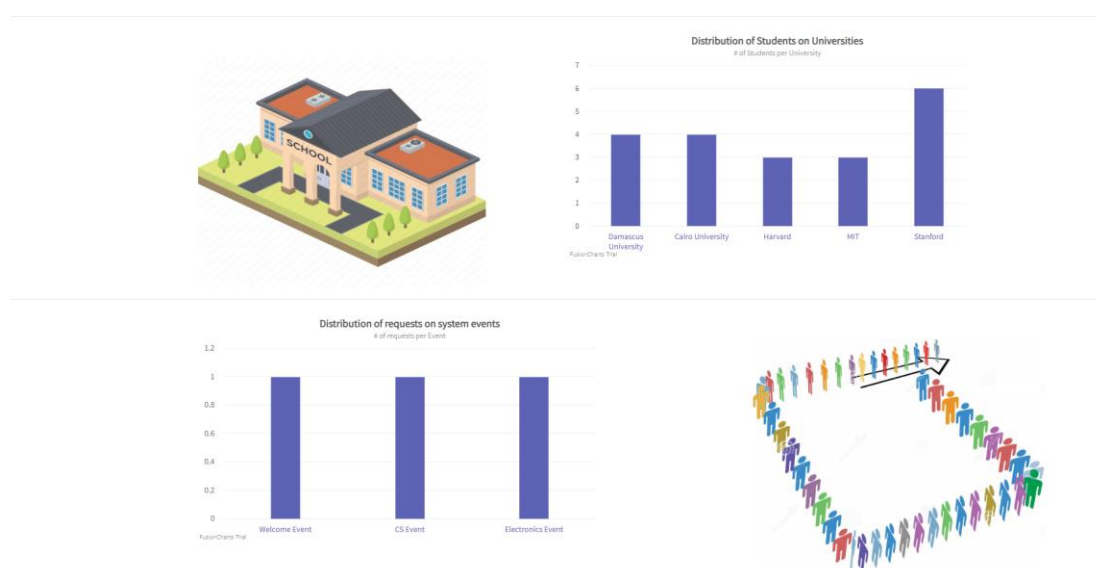
The following part of dashboard interface demonstrate above statistics



In addition to above, system provides another two types of statistics

3. Distribution of student's per universities
For all of system students the number of students belong to each of student's universities(i.e. 3 students → MIT , 6 → Stanford, ...)
4. Distribution of students' requests per system events
And for information purposes about events, system provides the number of requests sent by students for each of system events

The following part of dashboard interface demonstrate (3 and 4) statistics



In addition to above statistics we may go further and provide more statistics like:

- Distribution of student's [Gender | Age | University] per one specific event or per all system events ,i.e.:
 - Percentage of male students requested to join (Welcome Event) comparing to percentage of female students requested to join it.
 - Distribution of student's ages who requested to join (CS Event).
- Number of [Approved | Rejected | Pending] requests per specific event or per all system events.
- Distribution of student's [Gender | Age | University] per [Approved | Rejected | Pending] for specific event or for all system events, i.e.
 - 3 approved requests for male, and 4 approved requests for female regarding (Telecomm Event) etc...

Thanks for reading.