

Project Management System for Ecommerce

Task Definition:

An electronic Commerce projects management system is a web application that allows customers that have Products to be able to Market their products by communicating with Marketing Directors and Marketing Team Leaders to market their products in an easy and professional way.

Actors (Five actors):

- Admin
- Customers
- Marketing Directors (MDs)
- Marketing Team Leaders (MTLs)
- Marketing Trainees (MTs)

Layouts (Three layouts):

- Home page layout
- Admin, Marketing Directors and Marketing Team Leaders profile have the same layout
- Customer and Marketing Trainees profiles have the same layout

Roles:

1- Admin:

- a. Control Users (Customers, MD, MTL, MT): Add, Remove Users.
- b. Control the Home Profile: Add, Remove, Update Posts (Posts Means Projects) created by the customers.
- c. Admin page layout (profile) includes:
 - i. Admin information: Photo, Job description, FirstName, LastName, Mobile, Email.
 - ii. All the actors that using the system so that the admin can control them.
 - iii. All the posts that created by the customers so that the admin can control them.
 - iv. If the Admin remove a post from his profile it reflects directly to the home page and be removed.

2- Marketing Director:

- a. Surfing the projects created by the Customers in the home page and selecting the appropriate projects then starting to create the team to achieve and Market the projects.
- b. Marketing Directors layout (profile) includes:
 - i. MD information: Photo, Job description, FirstName, LastName, Mobile, Email.
 - ii. MD Statistical diagrams (Pie Chart or Histogram) that shows his Qualifications and experience.
 - iii. All the Current projects that he managing it.
 - iv. All the previous projects that he delivered it (history).
 - v. Creating teams Module:
 1. Search for Marketing Team Leaders and sending requests to make them join the team.
 2. Search for Marketing Trainees and sending requests to make them join the team.
 - vi. Control Projects Module:
 1. Set Schedule for each project.
 2. Set the status for each project (on progress, Delivered).
 3. Set Price for each project.
 4. Remove Members (remove Undesired member).
 5. Remove Projects (leave the project).

3- Marketing Team Leader:

- a. Checking His Profile to see the requests that have been sent by any Marketing Directors that need him to join the team and send response either accept or reject.
- b. Marketing Team Leaders layout (profile) includes:
 - i. MTL information: Photo, Job description, FirstName, LastName, Mobile, Email.
 - ii. MTL Statistical diagrams (Pie Chart or Histogram) that shows his Qualifications and experience.

- iii. All the Current projects that he currently joining it.
- iv. All the previous projects that he delivered it before (history).
- v. Creating teams Module:
 - 1. Send Requests to MTs to Help the MD to Search for Marketing Trainees and sending requests to make them join the team.
- vi. Evaluate Marketing Trainees Module:
 - 1. Evaluate MTs and send feedback to the MD.
 - 2. Remove MT (remove Undesired member).
 - 3. Remove Projects (leave the project).

4- Marketing Trainees:

- a. Checking His Profile to see the requests that have been sent by any Marketing Directors or Marketing Team Leaders that need him to join the team and send response either accept or reject.
- b. Marketing Trainees layout (profile) includes:
 - i. MT information: Photo, Job description, FirstName, LastName, Mobile, Email.
 - ii. MT Statistical diagrams (Pie Chart or Histogram) that shows his Qualifications and experience.
 - iii. All the Current projects that he currently joining it.
 - iv. All the previous projects that he delivered it before (history).
 - v. Control Projects Module:
 - 1. Remove Projects (leave the project) but MD must approve.

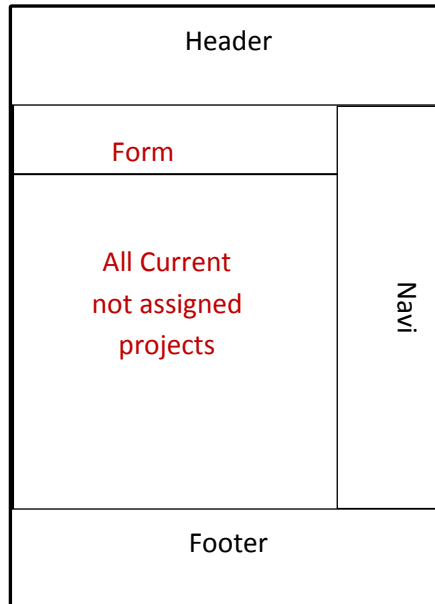
5- Customers:

- a. Creating projects.
- b. Customer layout (profile) includes:
 - i. Customer information: Photo, description, FirstName, LastName, Mobile, Email.
 - ii. All the Current projects that not delivered yet.
 - iii. All the previous projects that have been delivered to him by the MD.
 - iv. Control Projects Module:
 - 1. Remove Projects: remove the projects but if it has been assigned to MD then it cannot be removed.
 - 2. Add Projects.
 - 3. Assign Projects to MDs.
 - 4. Edit Projects.
 - 5. Any Action in the profile reflects in the home page.

Layouts:

1- Home Page Layout:

- a. Include Two Parts:
 - i. First Part: A form that the customer uses to post the new project.
 - ii. Second Part: All the Current not assigned projects (projects not assigned to MD).



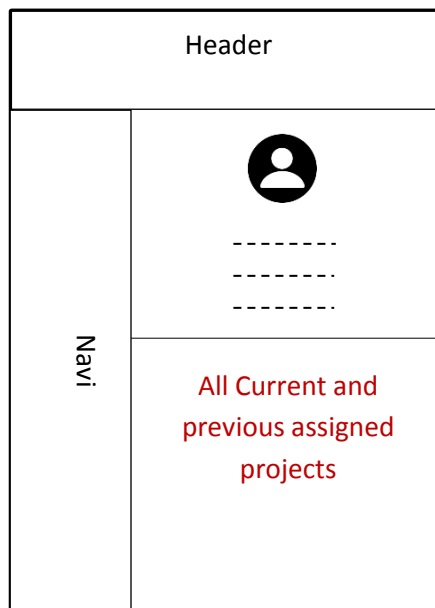
Home Page

- b. How it work:
 - i. Only Customers that could use the form to add new projects.
 - ii. When the Customer adds a new project, it will allow any MD to submit the form, and then the customer will choose one of the MDs which is the most appropriate MD to manage this project.
 - iii. When the customer assign a MD then the post will be hidden from the Home page cause the Home page must have all Current not assigned projects.

2- Admin, Marketing Directors and Marketing Team Leaders profile:

a. Include:

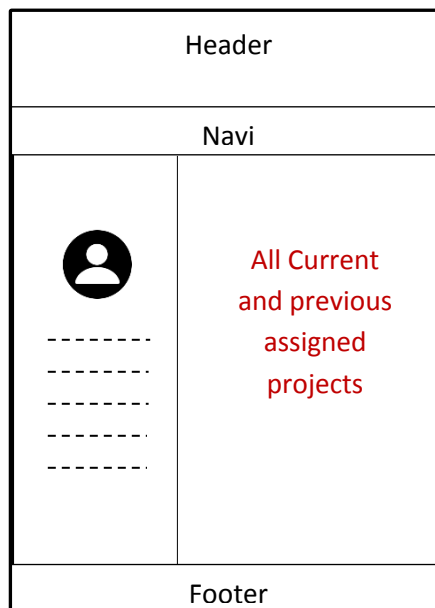
- i. First Part: Actor personal Information.
- ii. Second Part: Statistical Diagrams for MD and MTL Only. (exclude the Admin)
- iii. Third Part: See all requests send from other actors (MD and MTL Only).
- iv. Fourth Part: Send responses to other actors (MD and MTL Only) to accept joining the team or reject.
- v. Fifth Part: All Current Assigned Projects.
- vi. Sixth Part: All the Previous Delivered Projects.
- vii. Seventh Part: Admin Could Control Users as Explained in the Roles Part.
- viii. Eighth Part: MD and MTL Could Control Projects and Users as Explained in the Roles Part.



Admin, MD and
MTL Page Layout

3- Customer and Marketing Trainees Page Layout:

- i. First Part: Actor personal Information.
- ii. Second Part: Statistical Diagrams for MTs Only. (exclude the Customer)
- iii. Third Part: See all requests send from other actors to the MTs to join their teams.
- iv. Fourth Part: Send responses to other actors to accept joining the team or reject (this case for the MTs Only).
- v. Fifth Part: All Current Projects.
- vi. Sixth Part: All the Previous Delivered Projects.
- vii. Seventh Part: Customer Could Control Projects as Explained in the Roles Part.
- viii. Eight Part: MTs Could Control projects as Explained in the Roles Part.



Customer and MT
page Layout

Important Notes:

- 1- Create Two Popups:
 - a. First Popup: For Login.
 - b. Second Popup: For Registration.
 - c. The Login popup is the first thing that will be open when the application runs, and it is a popup appeared from a button in the Home page.
 - d. If the users don't have an account then he will register.
 - e. These two popups are appeared from a button in the Home Page.
- 2- Customers **only** are allowed to use the form in the Home Page to create new projects.
- 3- Customers **only** are allowed to choose the MD and assign him to the project.
- 4- MDs **only** are allowed to open and submit the posts created by the customers in the home page.
- 5- MTLs and MTs are not allowed to interact with the home page (read only).
- 6- Customers can add new projects from their profiles then it appears in the home page (it is another way for the customer to add new projects).
- 7- When the MDs are assigned to the project by the customer, then the post disappear from the home page.
- 8- When the MDs Left the project, then the post appear in the home page.
- 9- Draw Statistical Diagrams as explained above in the role part depending on the experience and Number of projects deliver by the actor.

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