

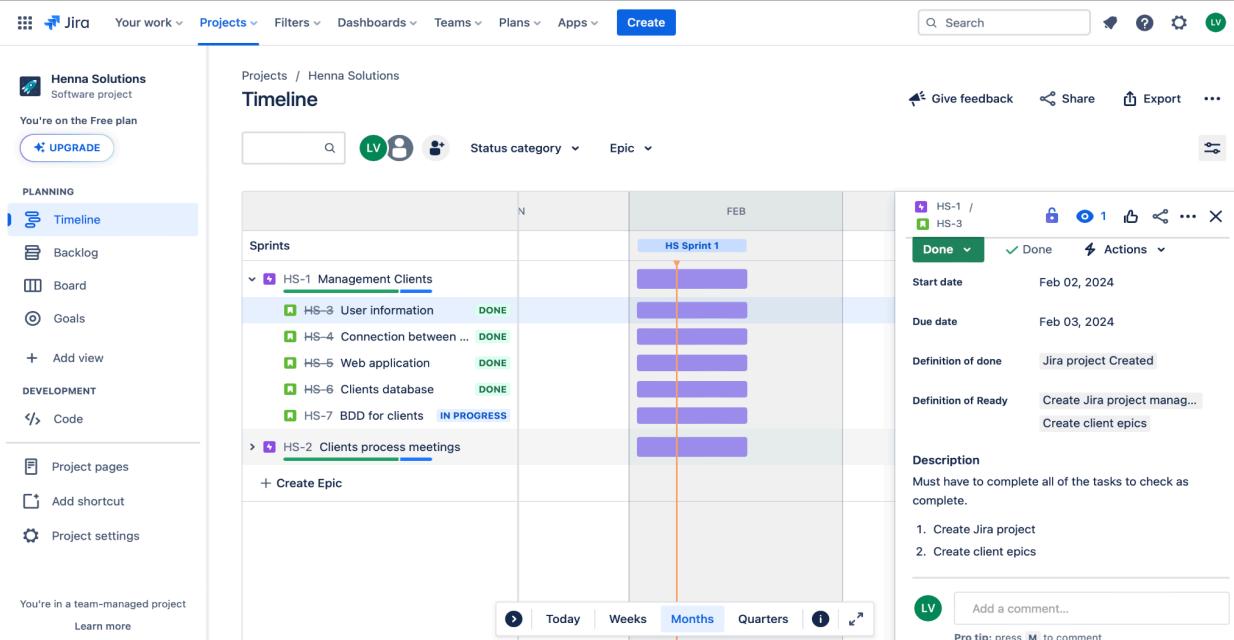


## Task (Activities)

1. Create a project in Jira or any other project management software
2. Create epics for clients and client meetings
3. Create user stories in the epics
4. Create and start a sprint for the project
5. Design the web pages for client creation and client meetings using HTML and CSS
6. Develop a web application and create various required components for client management using Angular
7. Design the necessary tables for clients and meetings in MySQL
8. Perform the BDD using Gherkin for client and client meeting scenarios
9. Run your Angular Project
10. Sync your code to GitHub

Powered by  Caltech | Center for Technology & Management Education

1,3



**Timeline**

Projects / Henna Solutions

Sprints

- HS-1 / HS-3 (Done) - Start date: Feb 02, 2024
- HS-4 (Done)
- HS-5 (Done)
- HS-6 (Done)
- HS-7 (In Progress)
- HS-2 (In Progress)

Description

Must have to complete all of the tasks to check as complete.

1. Create Jira project
2. Create client epics

2

Jira Your work Projects Filters Dashboards Teams Plans Apps Create Search Give feedback Share Export ...

Henna Solutions Software project You're on the Free plan + UPGRADE

**PLANNING**

- Timeline**
- Backlog
- Board
- Goals
- + Add view

**DEVELOPMENT**

- Code

Project pages Add shortcut Project settings

You're in a team-managed project Learn more

### Timeline

Search LV Status category Epic

	N	FEB	MAR	APR
<b>Sprints</b>				
HS-1 Management Clients				
HS-3 User information	TO DO			
HS-4 Connection between...	TO DO			
HS-5 Web application	TO DO			
HS-6 Clients database	TO DO			
HS-7 BDD for clients	TO DO			
HS-2 Clients process meetings				
HS-8 Meetings information	TO DO			
HS-9 Connection between...	TO DO			
HS-10 Web application	TO DO			
HS-11 Meetings database	TO DO			
HS-12 BDD for meetings	TO DO			
+ Create Epic				

Today Weeks Months Quarters

4

Jira Your work Projects Filters Dashboards Teams Plans Apps Create Search Insights View settings

Henna Solutions Software project You're on the Free plan + UPGRADE

**PLANNING**

- Timeline
- Backlog**
- Board
- Goals
- + Add view

**DEVELOPMENT**

- Code

Project pages Add shortcut Project settings

You're in a team-managed project Learn more

### Backlog

Search LV Status category Epic

+ Create issue

0 issues | Estimate: 0

**Backlog (10 issues)**

			Create sprint
HS-3 User information	MANAGEMENT CLIE...	TO DO	03 FEB
HS-4 Connection between clients and meetings	MANAGEMENT CLIE...	TO DO	03 FEB
HS-5 Web application	MANAGEMENT CLIE...	TO DO	05 FEB
HS-6 Clients database	MANAGEMENT CLIE...	TO DO	05 FEB
HS-7 BDD for clients	MANAGEMENT CLIE...	TO DO	
HS-8 Meetings information	CLIENTS PROCESS M...	TO DO	03 FEB
HS-9 Connection between meetings and clients	CLIENTS PROCESS M...	TO DO	
HS-10 Web application	CLIENTS PROCESS M...	TO DO	
HS-11 Meetings database	CLIENTS PROCESS M...	TO DO	
HS-12 BDD for meetings	CLIENTS PROCESS M...	TO DO	

+ Create issue

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

Henna Solutions Software project You're on the Free plan [UPGRADE](#)

PLANNING

- Timeline
- Backlog
- Board**
- Goals
- + Add view

DEVELOPMENT

- Code
- Project pages
- Add shortcut
- Project settings

You're in a team-managed project [Learn more](#)

Projects / Henna Solutions **HS Sprint 1** Must have to complete all the tasks.

9 days remaining | ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ Complete sprint ...

Search LV Epic TO DO IN PROGRESS IN REVIEW DEPLOY TO QA

GROUP BY None Insights View settings

TO DO 10	IN PROGRESS	IN REVIEW	DEPLOY TO QA
User information MANAGEMENT CLIENTS 03 FEB HS-3			
Connection between clients and meetings MANAGEMENT CLIENTS 03 FEB HS-4			
Web application MANAGEMENT CLIENTS 05 FEB HS-5			
Clients database MANAGEMENT CLIENTS 05 FEB HS-6			
BDD for clients			

Search LV Epic TO DO IN PROGRESS IN REVIEW DEPLOY TO QA TESTING TO QA

GROUP BY None Insights View settings

TO DO 10	IN PROGRESS	IN REVIEW	DEPLOY TO QA	TESTING TO QA
User information MANAGEMENT CLIENTS 03 FEB HS-3				
Connection between clients and meetings MANAGEMENT CLIENTS 03 FEB HS-4				
Web application MANAGEMENT CLIENTS 05 FEB HS-5				
Clients database MANAGEMENT CLIENTS 05 FEB HS-6				
BDD for clients				

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

Henna Solutions Software project You're on the Free plan [UPGRADE](#)

PLANNING

- Timeline
- Backlog
- Board**
- Goals
- + Add view

DEVELOPMENT

- Code
- Project pages
- Add shortcut
- Project settings

You're in a team-managed project [Learn more](#)

Projects / Henna Solutions **HS Sprint 1** Must have to complete all the tasks.

9 days remaining | ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ ⚡ Complete sprint ...

Search LV Epic TO DO IN PROGRESS IN REVIEW DEPLOY TO QA TESTING TO QA

GROUP BY None Insights View settings

TO DO 10	IN PROGRESS	IN REVIEW	DEPLOY TO QA	TESTING TO QA
User information MANAGEMENT CLIENTS 03 FEB HS-3				
Connection between clients and meetings MANAGEMENT CLIENTS 03 FEB HS-4				
Web application MANAGEMENT CLIENTS 05 FEB HS-5				
Clients database MANAGEMENT CLIENTS 05 FEB HS-6				
BDD for clients				

Search LV Epic TO DO IN PROGRESS IN REVIEW DEPLOY TO QA TESTING TO QA

GROUP BY None Insights View settings

TO DO 10	IN PROGRESS	IN REVIEW	DEPLOY TO QA	TESTING TO QA
User information MANAGEMENT CLIENTS 03 FEB HS-3				
Connection between clients and meetings MANAGEMENT CLIENTS 03 FEB HS-4				
Web application MANAGEMENT CLIENTS 05 FEB HS-5				
Clients database MANAGEMENT CLIENTS 05 FEB HS-6				
BDD for clients				

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

Henna Solutions Software project You're on the Free plan [UPGRADE](#)

**PLANNING**

- [Timeline](#) (selected)
- [Backlog](#)
- [Board](#)
- [Goals](#)
- [+ Add view](#)

**DEVELOPMENT**

- [Code](#)

[Project pages](#)

[Add shortcut](#)

[Project settings](#)

You're in a team-managed project [Learn more](#)

## Timeline

Search Status category Epic

	N	FEB	MAR	APR
<b>Sprints</b>				
↳ HS-1 Management Clients				
HS-3 User information				
HS-4 Connection between ...				
HS-5 Web application				
HS-6 Clients database				
HS-7 BDD for clients				
↳ HS-2 Clients process meetings				
+ Create Epic				

Today Weeks Months Quarters [I](#) [K](#)

Jira Your work Projects Filters Dashboards Teams Plans Apps Create

Henna Solutions Software project You're on the Free plan [UPGRADE](#)

**PLANNING**

- [Timeline](#)
- [Backlog](#) (selected)
- [Board](#)
- [Goals](#)
- [+ Add view](#)

**DEVELOPMENT**

- [Code](#)

[Project pages](#)

[Add shortcut](#)

[Project settings](#)

You're in a team-managed project [Learn more](#)

## Backlog

Search Epic

[Insights](#) [View settings](#)

HS Sprint 1 2 Feb – 16 Feb (10 issues)		0 0 0 Complete sprint	...
Must have to complete all the tasks.			
HS-3 User information	MANAGEMENT CLIE...	DONE	03 FEB
HS-4 Connection between clients and meetings	MANAGEMENT CLIE...	DONE	03 FEB
HS-5 Web application	MANAGEMENT CLIE...	DONE	05 FEB
HS-6 Clients database	MANAGEMENT CLIE...	DONE	05 FEB
HS-7 BDD for clients	MANAGEMENT CLIE...	IN PROGRESS	
HS-8 Meetings information	CLIENTS PROCESS M...	DONE	03 FEB
HS-9 Connection between meetings and clients	CLIENTS PROCESS M...	DONE	
HS-10 Web application	CLIENTS PROCESS M...	DONE	
HS-11 Meetings database	CLIENTS PROCESS M...	DONE	
HS-12 BDD for meetings	CLIENTS PROCESS M...	IN PROGRESS	

+ Create issue

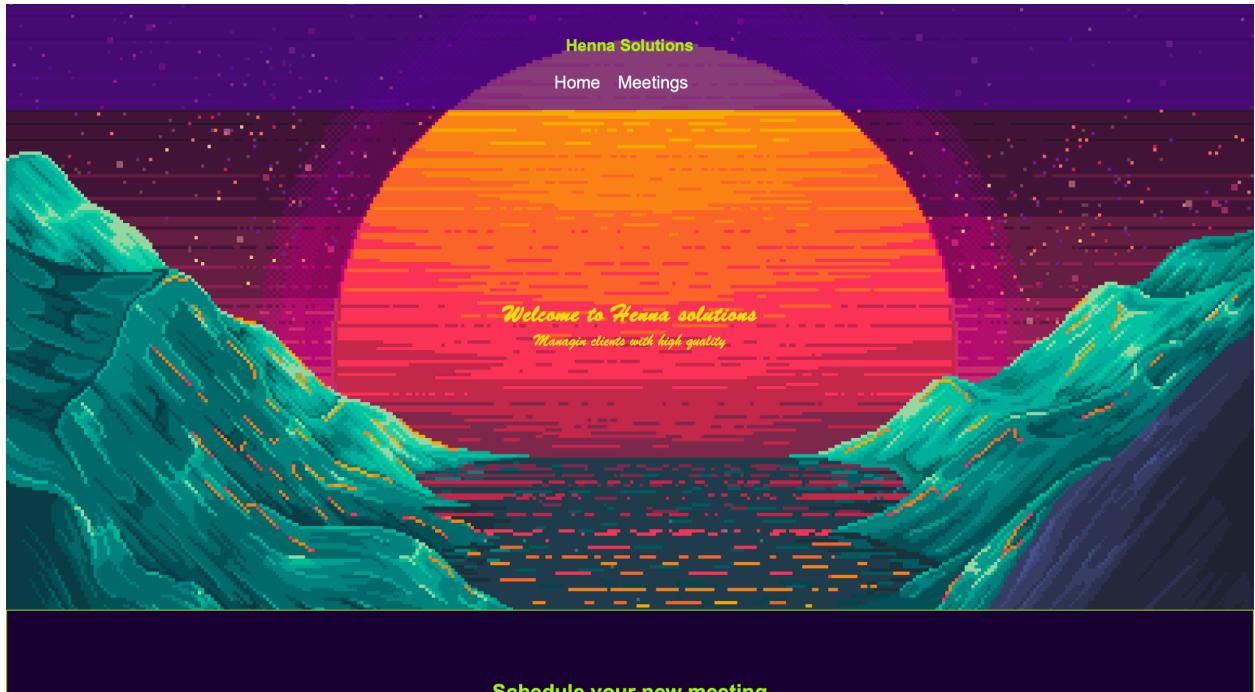
[Backlog \(0 issues\)](#) 0 0 0 Create sprint

5

The screenshot shows a website with a dark purple header and footer. The main content area features a large, stylized illustration of a sunset over a landscape with green mountains. At the top of this section, there is a navigation bar with the text "Henna Solutions" and links for "Home", "Meetings", "About", and "Footer". Below the illustration, the text "Welcome to Henna solutions" is displayed in yellow, followed by a smaller line of text: "Manage clients with high quality". In the bottom left corner of the main content area, there is a block of placeholder text (Lorem ipsum) in white. To the right of this text is a small, rectangular image showing a similar sunset scene with a grid floor and floating spheres.

*Lorem ipsum, dolor sit amet consectetur adipisicing elit. Officia enim, exercitationem laudantium odio sed pariatur dolorem vitae debitis! Veniam sit cupiditate veritatis sed error facilis voluptas dicta aut ipsum nihil? Lorem ipsum, dolor sit amet consectetur adipisicing elit. Officia enim, exercitationem laudantium odio sed pariatur dolorem vitae debitis! Veniam sit cupiditate veritatis sed error facilis voluptas dicta aut ipsum nihil?*

Henna Solutions ©



Schedule your new meeting

### Schedule your new meeting

Name

Email

Cell phone

Additional Command

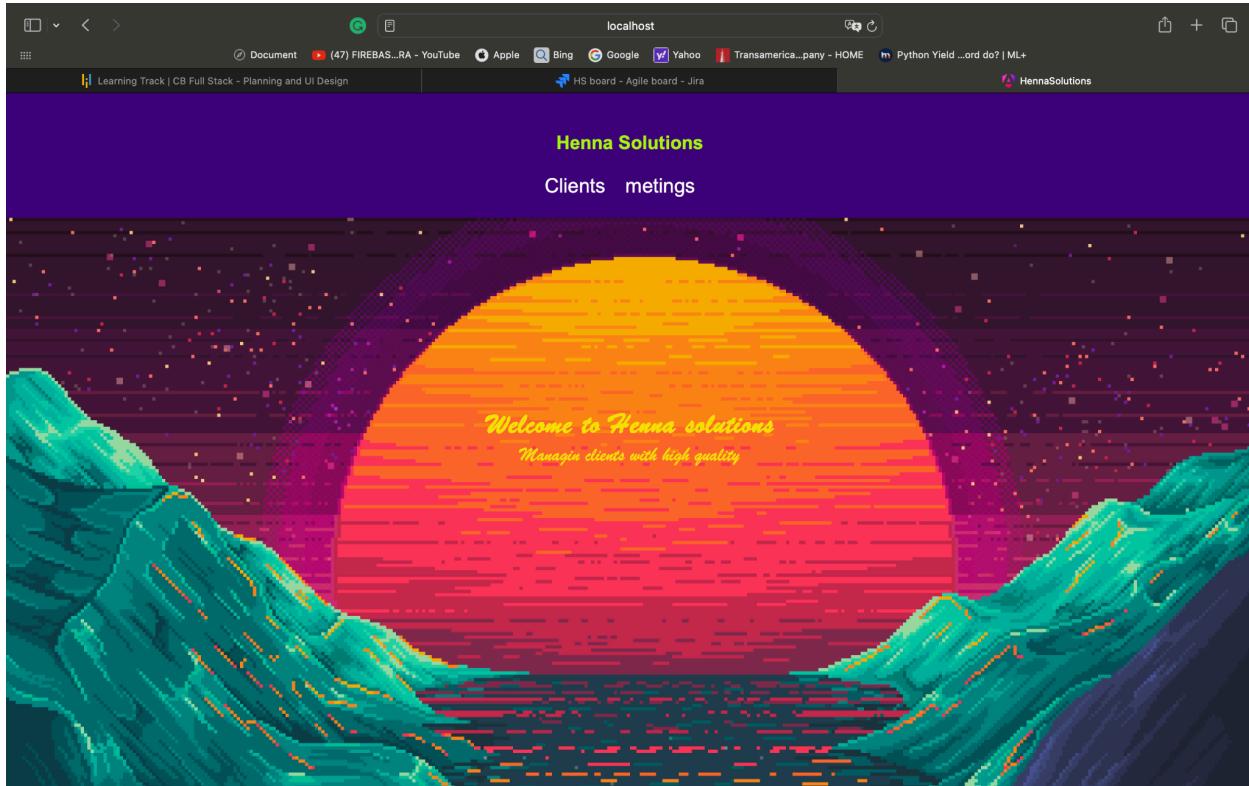
Date

# 6, 9

```
luiscarlos@Luiss-MacBook-Pro HennaSolutions % code .
luiscarlos@Luiss-MacBook-Pro HennaSolutions % ng serve
Node.js version v10.24.1 detected.
The Angular CLI requires a minimum Node.js version of either v12.20, v14.15, or v16.10.
Please update your Node.js version or visit https://nodejs.org/ for additional instructions.

luiscarlos@Luiss-MacBook-Pro HennaSolutions % nvm use 20
Now using node v20.10.0 (npm v10.2.3)
luiscarlos@Luiss-MacBook-Pro HennaSolutions % ng serve
? Port 4200 is already in use.
Would you like to use a different port? Yes
Initial Chunk Files | Names | Raw Size
polyfills.js | polyfills | 83.46 kB
main.js | main | 15.97 kB
styles.css | styles | 174 bytes
| Initial Total | 99.60 kB

Application bundle generation complete. [4.297 seconds]
Watch mode enabled. Watching for file changes...
→ Local: http://localhost:49640/
→ press h + enter to show help
```



## 7

```

..ennaSolutions mysql .ProjectClient ..angularClipsApp ng +
Database changed
[mysql]> show tables;
+-----+
| Tables_in_hennasolutions |
+-----+
| clients                  |
| meetings                 |
+-----+
2 rows in set (0.00 sec)

[mysql]> describe clients;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id   | int  | NO   | PRI  | NULL    | auto_increment |
| FirstName | varchar(255) | NO   |     | NULL    |                |
| LastName | varchar(255) | YES  |     | NULL    |                |
| Address | varchar(255) | YES  |     | NULL    |                |
| cellphone | int   | YES  |     | NULL    |                |
| email   | varchar(255) | NO   |     | NULL    |                |
+-----+
6 rows in set (0.00 sec)

[mysql]> describe meetings;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| idm  | int  | NO   | PRI  | NULL    | auto_increment |
| meetingdate | varchar(255) | YES  |     | NULL    |                |
| place  | varchar(255) | YES  |     | NULL    |                |
| idu   | int  | YES  | MUL  | NULL    |                |
+-----+
4 rows in set (0.00 sec)

[mysql]> select * from clients;
+-----+
| id | FirstName | LastName | Address      | cellphone | email      |
+-----+
| 2 | Pedro     | Cesar    | 1290 loe falls | 99827382 | pedro@email.com |
+-----+
1 row in set (0.01 sec)

[mysql]> select * from meetings;
+-----+
| idm | meetingdate | place      | idu |
+-----+
| 1 | 02/23/2024 | Technology building | 1 |
+-----+
1 row in set (0.00 sec)

mysql> 

```

```

..ennaSolutions mysql .ProjectClient ..angularClipsApp ng +
2 rows in set (0.00 sec)

[mysql]> describe clients;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id   | int  | NO   | PRI  | NULL    | auto_increment |
| FirstName | varchar(255) | NO   |     | NULL    |                |
| LastName | varchar(255) | YES  |     | NULL    |                |
| Address | varchar(255) | YES  |     | NULL    |                |
| cellphone | int   | YES  |     | NULL    |                |
| email   | varchar(255) | NO   |     | NULL    |                |
+-----+
6 rows in set (0.00 sec)

[mysql]> describe meetings;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| idm  | int  | NO   | PRI  | NULL    | auto_increment |
| meetingdate | varchar(255) | YES  |     | NULL    |                |
| place  | varchar(255) | YES  |     | NULL    |                |
| idu   | int  | YES  | MUL  | NULL    |                |
+-----+
4 rows in set (0.00 sec)

[mysql]> select * from clients;
+-----+
| id | FirstName | LastName | Address      | cellphone | email      |
+-----+
| 1 | Pedro     | Cesar    | 1290 loe falls | 99827382 | pedro@email.com |
+-----+
1 row in set (0.01 sec)

[mysql]> select * from meetings;
+-----+
| idm | meetingdate | place      | idu |
+-----+
| 1 | 02/23/2024 | Technology building | 1 |
+-----+
1 row in set (0.00 sec)

[mysql]> SELECT * FROM clients INNER JOIN meetings ON clients.id = meetings.idu;
+-----+
| id | FirstName | LastName | Address      | cellphone | email      | idm | meetingdate | place      | idu |
+-----+
| 1 | Pedro     | Cesar    | 1290 loe falls | 99827382 | pedro@email.com | 1 | 02/23/2024 | Technology building | 1 |
+-----+
1 row in set (0.00 sec)

mysql> 

```

10

The screenshot shows a GitHub repository page for 'HennaSolutions'. At the top, there's a navigation bar with links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, the repository name 'HennaSolutions' is displayed, along with its status as 'Public'. There are buttons for Pin, Unwatch (1), Fork (0), and Star (0). A search bar at the top right says 'Type ⌘ to search'. On the left, there's a sidebar with a tree view of the repository structure: 'main' (1 Branch, 0 Tags), 'HennaSolutionsApplication' (Folders, 1 minute ago), 'HennaSolutionsDesing' (Folders, 1 minute ago), '.DS\_Store' (Folders, 1 minute ago), 'README.md' (Update README.md, now), and 'hennaSolutions.sql' (Folders, 1 minute ago). The main content area shows the 'README' file, which contains the text 'HennaSolutions'. To the right of the code area, there's an 'About' section with a note: 'No description, website, or topics provided.' It also lists 'Readme', 'Activity', '0 stars', '1 watching', and '0 forks'. Below that is a 'Releases' section with a note: 'No releases published' and a link to 'Create a new release'. Further down is a 'Packages' section with a note: 'No packages published' and a link to 'Publish your first package'. At the bottom right, there's a 'Languages' section.