Museum Assistance Program

Product backlog and first sprint backlog

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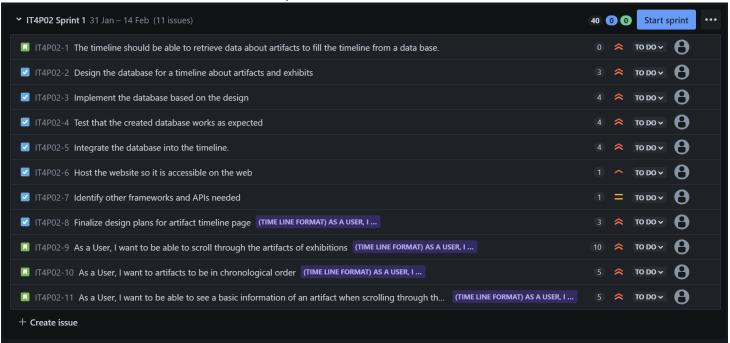FAHAD UMAIR | 6797658

Backlog (In table form for easy readability):

Epic	Story	Tasks
	The timeline should be able to retrieve data about artifacts to fill the timeline from a database.	Design the database for the timeline
		Implement the database based on the design
		Test that the created database works as expected
		Integrate the database into the timeline.
		Host the website so it is accessible on the web
		Identify other frameworks and APIs needed
(Timeline Format) As a user, I want to be able to see all the artifacts for exhibitions organized in a chronological timeline so that I can learn about an exhibit.	As a User, I want to be able to scroll through the artifacts of exhibitions	
	As a User, I want to artifacts to be in chronological order	
	As a User, I want to be able to see a basic information of an artifact when scrolling through	
(Artifact Details) As a user, I want to be able to see details (text-description, images, videos, location etc.) of a given artifact so that I can learn more about the artifact.	As a User, I want to be able to see text-description of an artifact	
	As a User, I want to be able to see images and videos of/about an artifact	
	As a User, I want to be able to see related artifacts of the artifact	
	As a User, I want to be able to see the location of the artifact	
(Interactive) As a user I want the content of an artifact (images/video) to be interactive so that I can better experience the content with relative ease.	As a User, I want to be able to switch between images and videos	
	As a User, I want to be able to play videos on the site	
	As a User, I want to be able to export videos and images	
	As a User, I want to be able to zoom on images	
(Login) As an Administrator, I want to be able to login with	As an Administrator, I want to be able to click a login button to sign in.	

admin privilege to manage the site.	As an Administrator, I want to be able to click "I forgot my password" to reset my password if forgotten	
(Admin) As an Administrator, I should be able to manage the site.	As an Administrator, I should be able to add, edit, and delete timeline items	
	As an Administrator, I should be able to restore previous items by undoing changes	
	As an administrator, I should be able to view a history of edits to keep track of changes	
(search/Filter) As a user, I want to be able to limit what I see on the timeline based on certain specification so that I don't need to be searching though exhibits and artifacts I don't want to see or care about.	As a user, I want to be able to select a combination of exhibitions whose artifacts I want to see on the timeline so that I can compare the timelines of different exhibits and when their historical events took place.	
	As a user I want to further filter the timeline of my chosen exhibits to only see artifacts discovered/brought to the museum/hypothesized date of origin within a year range I specify	
	As a user, I want to be able to search for artifacts by name/tag/description and be presented with a list of matching artifacts that I can jump to in the timeline	
(Quality of Life) As a user, I want to have the best possible experience so that it's not a hassle to try and use the service.	As a user, I want to be able to access the timeline on any device (desktops /mobile/laptop/ tablet) and still effectively consume the information, so that I am not limited to one device.	
	As a user, I want to be able to select my preferred language so that I can learn about the artifacts most effectively.	

First Sprint Backlog (Screen Shots from Jira):

The main stories and tasks of the first sprint:

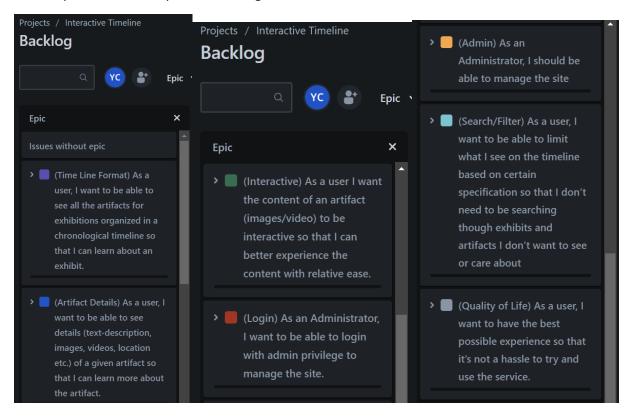|		
⌄ **IT4P02 Sprint 1** 31 Jan – 14 Feb (11 issues)	40 **0** **0**	Start sprint ⋯
▣ IT4P02-1 The timeline should be able to retrieve data about artifacts to fill the timeline from a data base.	0 ≫ TO DO ⌄	🧑
☑ IT4P02-2 Design the database for a timeline about artifacts and exhibits	3 ≫ TO DO ⌄	🧑
☑ IT4P02-3 Implement the database based on the design	4 ≫ TO DO ⌄	🧑
☑ IT4P02-4 Test that the created database works as expected	4 ≫ TO DO ⌄	🧑
☑ IT4P02-5 Integrate the database into the timeline.	4 ≫ TO DO ⌄	🧑
☑ IT4P02-6 Host the website so it is accessible on the web	1 ^ TO DO ⌄	🧑
☑ IT4P02-7 Identify other frameworks and APIs needed	1 = TO DO ⌄	🧑
☑ IT4P02-8 Finalize design plans for artifact timeline page (TIME LINE FORMAT) AS A USER, I ...	3 ≫ TO DO ⌄	🧑
▣ IT4P02-9 As a User, I want to be able to scroll through the artifacts of exhibitions (TIME LINE FORMAT) AS A USER, I ...	10 ≫ TO DO ⌄	🧑
▣ IT4P02-10 As a User, I want to artifacts to be in chronological order (TIME LINE FORMAT) AS A USER, I ...	5 ≫ TO DO ⌄	🧑
▣ IT4P02-11 As a User, I want to be able to see a basic information of an artifact when scrolling through th... (TIME LINE FORMAT) AS A USER, I ...	5 ≫ TO DO ⌄	🧑
+ **Create issue**		

Link between story #1 from above (about using a database) and tasks; and link between task #8 (timeline design) and timeline format user stories:
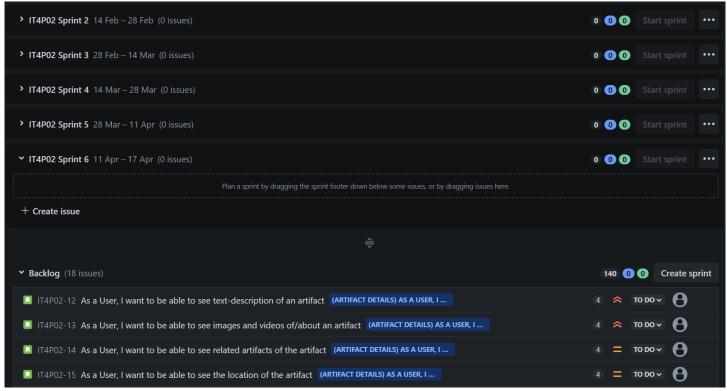
Rest of the Product Backlog (Screen Shots from Jira):

All the epic stories of the product backlog:

Backlog

Epic ✕

Issues without epic

> 🟪 (Time Line Format) As a user, I want to be able to see all the artifacts for exhibitions organized in a chronological timeline so that I can learn about an exhibit.

> 🟦 (Artifact Details) As a user, I want to be able to see details (text-description, images, videos, location etc.) of a given artifact so that I can learn more about the artifact.

Projects / Interactive Timeline

Backlog

Epic ✕

> 🟩 (Interactive) As a user I want the content of an artifact (images/video) to be interactive so that I can better experience the content with relative ease.

> 🟥 (Login) As an Administrator, I want to be able to login with admin privilege to manage the site.

> 🟧 (Admin) As an Administrator, I should be able to manage the site

> 🟦 (Search/Filter) As a user, I want to be able to limit what I see on the timeline based on certain specification so that I don't need to be searching though exhibits and artifacts I don't want to see or care about

> ⬜ (Quality of Life) As a user, I want to have the best possible experience so that it's not a hassle to try and use the service.

Other sprints (currently empty) and rest of the user stories:

> **IT4P02 Sprint 2** 14 Feb – 28 Feb (0 issues) 0 **0** **0** Start sprint ⋯

> **IT4P02 Sprint 3** 28 Feb – 14 Mar (0 issues) 0 **0** **0** Start sprint ⋯

> **IT4P02 Sprint 4** 14 Mar – 28 Mar (0 issues) 0 **0** **0** Start sprint ⋯

> **IT4P02 Sprint 5** 28 Mar – 11 Apr (0 issues) 0 **0** **0** Start sprint ⋯

˅ **IT4P02 Sprint 6** 11 Apr – 17 Apr (0 issues) 0 **0** **0** Start sprint ⋯

Plan a sprint by dragging the sprint footer down below some issues, or by dragging issues here.

+ Create issue

˅ **Backlog** (18 issues) 140 **0** **0** Create sprint

🔖 IT4P02-12 As a User, I want to be able to see text-description of an artifact (ARTIFACT DETAILS) AS A USER, I ... 4 ⌃ TO DO ˅ 👤

🔖 IT4P02-13 As a User, I want to be able to see images and videos of/about an artifact (ARTIFACT DETAILS) AS A USER, I ... 4 ⌃ TO DO ˅ 👤

🔖 IT4P02-14 As a User, I want to be able to see related artifacts of the artifact (ARTIFACT DETAILS) AS A USER, I ... 4 = TO DO ˅ 👤

🔖 IT4P02-15 As a User, I want to be able to see the location of the artifact (ARTIFACT DETAILS) AS A USER, I ... 4 = TO DO ˅ 👤

ID	Title	Label	Points	Priority	Status	Assignee
IT4P02-16	As a User, I want to be able to switch between images and videos	(INTERACTIVE) AS A USER I WANT ...	5	⌃	TO DO ⌄	👤
IT4P02-17	As a User, I want to be able to play videos on the site	(INTERACTIVE) AS A USER I WANT ...	4	⌃	TO DO ⌄	👤
IT4P02-18	As a User, I want to be able to zoom on images	(INTERACTIVE) AS A USER I WANT ...	5	⌄	TO DO ⌄	👤
IT4P02-19	As a User, I want to be able to export videos and images	(INTERACTIVE) AS A USER I WANT ...	5	⌄	TO DO ⌄	👤
IT4P02-20	As an Administrator, I want to be able to click a login button to sign in.	(LOGIN) AS AN ADMINISTRATOR, I...	15	⌃	TO DO ⌄	👤
IT4P02-21	As an Administrator, I want to be able to click "I forgot my password" to reset my password if...	(LOGIN) AS AN ADMINISTRATOR, I...	10	=	TO DO ⌄	👤
IT4P02-22	As an Administrator, I should be able to add, edit, and delete timeline items	(ADMIN) AS AN ADMINISTRATOR,...	15	⌃	TO DO ⌄	👤
IT4P02-23	As an Administrator, I should be able to restore previous items by undoing changes	(ADMIN) AS AN ADMINISTRATOR,...	10	⌃	TO DO ⌄	👤
IT4P02-24	As an administrator, I should be able to view a history of edits to keep track of changes	(ADMIN) AS AN ADMINISTRATOR,...	10	⌃	TO DO ⌄	👤
IT4P02-25	As a user, I want to be able to select a combination of exhibitions whose artifacts I want to se...	(SEARCH/FILTER) AS A USER, I WA...	10	=	TO DO ⌄	👤
IT4P02-26	As a user I want to further filter the timeline of my chosen exhibits to only see artifacts discov...	(SEARCH/FILTER) AS A USER, I WA...	10	=	TO DO ⌄	👤
IT4P02-27	As a user, I want to be able to search for artifacts by name/tag/description and be presented ...	(SEARCH/FILTER) AS A USER, I WA...	10	=	TO DO ⌄	👤
IT4P02-28	As a user, I want to be able to access the timeline on any device (desktops/mobile/laptop/ta...	(QUALITY OF LIFE) AS A USER, I W...	10	=	TO DO ⌄	👤
IT4P02-29	As a user, I want to be able to select my preferred language so that I can learn about the artifa...	(QUALITY OF LIFE) AS A USER, I W...	5	⌄	TO DO ⌄	👤