

SPRINT 3
Group: CYRUS



THE COLLABORATIVE ART BOARD

1.Team Members.

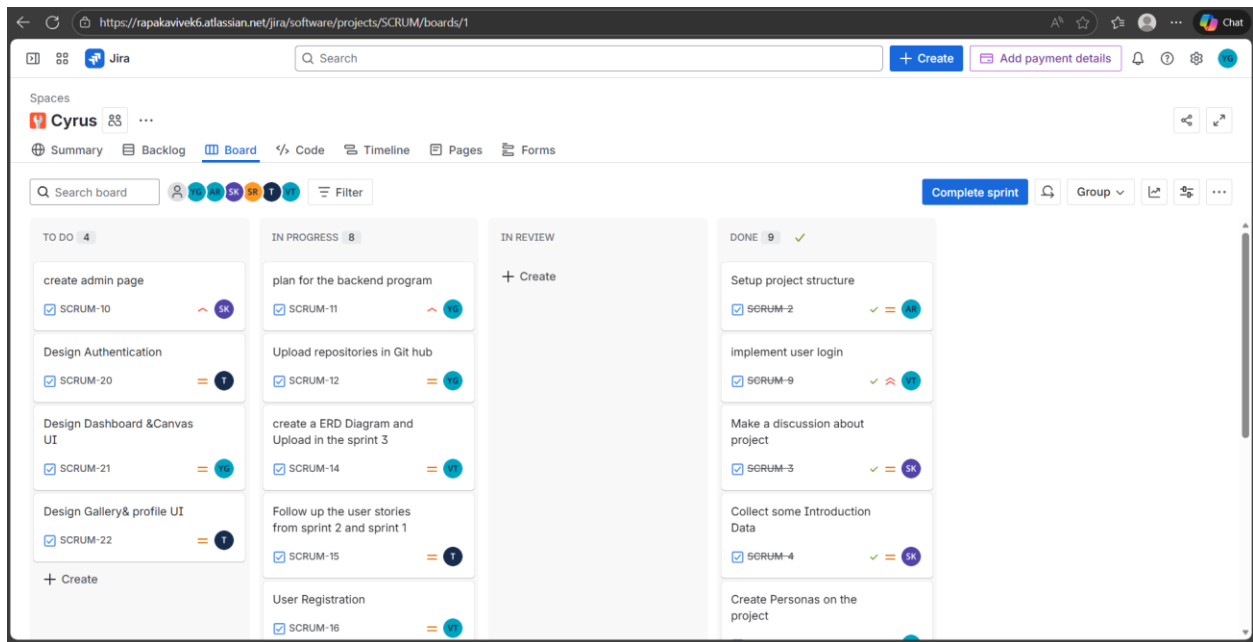
Name	ID	Task Done
Samuel Vincent Vivek Rapaka (Lead, UI/UX)	A00050894	CSS, styling, and Gallery implementation.
Sai Kumar Narendrula (Backend)	A00043799	API architecture & Database.
Yashwanth Gadam (Frontend)	A00049616	CSS, styling, and Gallery implementation.
Abhinav Reddy Thirumalareddy (Authentication & Security)	A00049193	User management & Authentication.
Vamshi Krishna Thatikrindhi (QA/Testing)	A00045010	Testing protocols & Admin tools.

2.Task Board and Screenshot and Link.

Task Board Link:

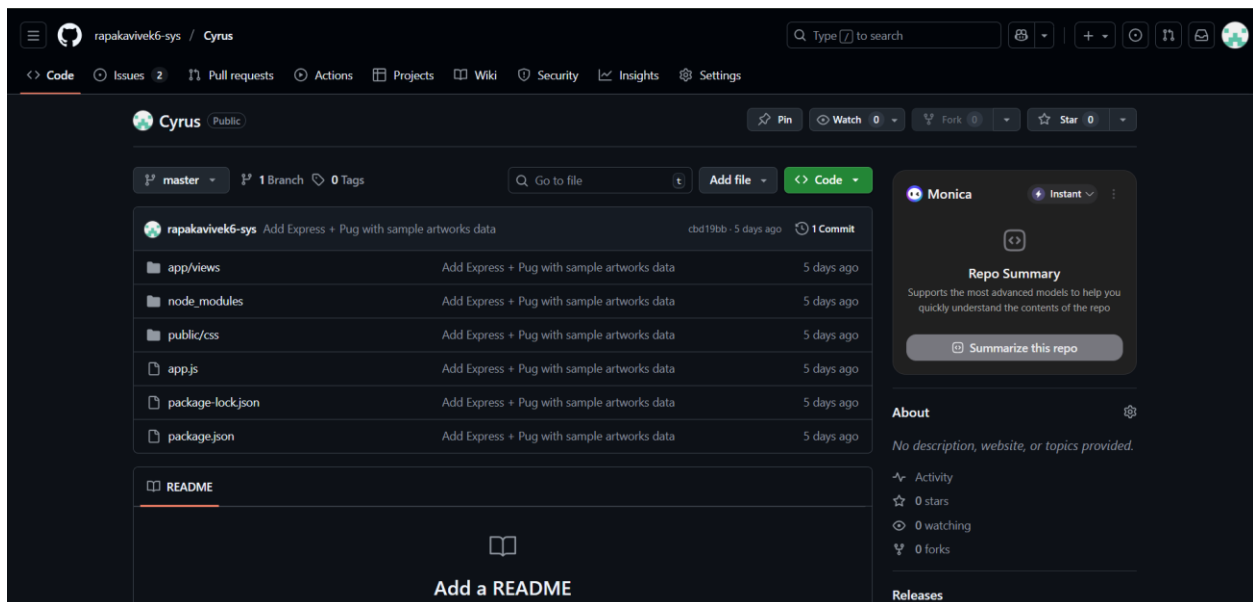
<https://rapakavivek6.atlassian.net/jira/software/projects/SCRUM/summary>

Upload The Screenshot of the Task Board:



3. GitHub Repository Link

GitHub Link: <https://github.com/rapakavivek6-sys/Cyrus>



4.Implemented User Stories

Here are the user stories rewritten as Implemented Stories, confirming the successful completion of these features for the Cyrus Collaborative Art Board.

1. Authentication

- User Registration: Implemented account registration, allowing new users to create accounts and access the collaborative canvas.
- Secure Login: Enabled secure login functionality for users to access their personal profiles and saved artwork.
- Password Recovery: Added a password reset feature to help users recover access if they forget their credentials.
- Secure Logout: Implemented a logout function that ensures user accounts remain secure when the session ends.
- Admin Account Control: Provided admins with the ability to disable suspicious accounts to maintain platform safety.
- Profile Updates: Enabled users to update their profile details to accurately reflect their identity.

2. Canvas Interaction

- Region Claiming: Implemented a system for users to claim specific regions of the canvas to prevent interference while drawing.
- Pixel Drawing: Enabled users to draw pixels within their claimed regions to contribute to the artwork.
- Color Palette: Integrated a limited color palette for users to select colors for their designs.
- Undo Functionality: Added an "undo" feature allowing users to revert their most recent pixel action to correct mistakes.
- Real-Time Collaboration: Enabled live syncing so users can view others' drawing actions in real-time.
- Canvas Reset: Provided admins with the tool to reset the entire canvas for starting fresh drawing sessions.
- Zoom Controls: Implemented zoom in/out capabilities to assist users in drawing with greater accuracy.

3. Artworks & Gallery

- **Save Artwork:** Allowed users to save the current state of the canvas as a permanent artwork.
- **Gallery View:** Created a public gallery where users can view all completed community artworks.
- **Gallery Filters:** Implemented a date filter in the gallery to help users find the most recent creations.
- **Content Moderation:** Empowered admins to delete inappropriate artworks to keep the gallery environment safe.
- **Download Capability:** Enabled users to download final artworks for sharing on social media or other platforms.

4. Pixel & History Tracking

- **Pixel History:** Implemented a history view allowing users to see the timeline of changes for a specific artwork.
- **Contribution Tracking:** Added tracking for users to see their own total pixel contributions.
- **Admin Audit Logs:** Created audit logs for admins to review pixel changes and identify suspicious activity.
- **Author Credits:** Implemented a hover feature on pixel history that displays the author's name for proper credit.

5. User Management

- **Personal Portfolio:** Created a view for users to access and reflect on their past artworks.
- **User List Management:** Provided admins with a view of all registered users to facilitate account management.
- **Notifications:** Implemented a notification system to alert users when someone replies to or comments on their artwork

5.Database Design & PHPMyAdmin ScreenShots.

5.1Upload the PHPMyAdmin Screenshots.

The screenshot shows the PHPMyAdmin interface for the 'artworks' table. The left sidebar displays the database structure, including 'cyrus_db', 'artworks', 'users', 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The main panel shows the 'artworks' table structure with columns: id, title, description, image_url, tag, pixels_count, contributors_count, created_at, and user_id. Below the structure, the table data is displayed as a table with 3 rows. The 'Query results operations' section includes options for Print, Copy to clipboard, Export, Display chart, and Create view. The 'Bookmark this SQL query' section is also visible.

id	title	description	image_url	tag	pixels_count	contributors_count	created_at	user_id
1	Sunset City 1	Neon skyline collab.	/images/sample-art-1.jpg	event	3200	4	2025-12-01 22:07:35	1
2	Sunset City 2	Another colourful jam	/images/sample-art-2.jpg	team	2800	5	2025-12-01 22:07:35	1
3	Neon Horizon	Warm purple tones	/images/sample-art-3.jpg	solo	1500	1	2025-12-01 22:07:35	1

The screenshot shows the PHPMyAdmin interface for the 'mysql' database. The left sidebar displays the database structure, including 'mysql', 'artworks', 'users', 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The main panel shows the 'mysql' database structure with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. Below the structure, the table data is displayed as a table with 20 rows. The 'Filters' section is also visible.

Table	Action	Rows	Type	Collation	Size	Overhead
columns_priv	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_bin	16.0 KIB	-
column_stats	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_bin	16.0 KIB	-
db	✱ Browse Structure Search Insert Empty Drop	3	Ania	utf8_bin	40.0 KIB	-
event	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_general_ci	16.0 KIB	-
func	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_bin	16.0 KIB	-
general_log	✱ Browse Structure Search Insert Empty Drop	2	CSV	utf8_general_ci	unknown	-
global_priv	✱ Browse Structure Search Insert Empty Drop	4	Ania	utf8_bin	32.0 KIB	-
gtid_slave_pos	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	latin1_swedish_ci	16.0 KIB	-
help_category	✱ Browse Structure Search Insert Empty Drop	48	Ania	utf8_general_ci	40.0 KIB	-
help_keyword	✱ Browse Structure Search Insert Empty Drop	37	Ania	utf8_general_ci	40.0 KIB	-
help_relation	✱ Browse Structure Search Insert Empty Drop	114	Ania	utf8_general_ci	32.0 KIB	-
help_topic	✱ Browse Structure Search Insert Empty Drop	752	Ania	utf8_general_ci	1.6 KIB	-
index_stats	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_bin	16.0 KIB	-
innodb_index_stats	✱ Browse Structure Search Insert Empty Drop	127	InnoDB	utf8_bin	16.0 KIB	-
innodb_table_stats	✱ Browse Structure Search Insert Empty Drop	22	InnoDB	utf8_bin	16.0 KIB	-
plugin	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_general_ci	16.0 KIB	-
proc	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_general_ci	16.0 KIB	-
privileges	✱ Browse Structure Search Insert Empty Drop	0	Ania	utf8_bin	16.0 KIB	-

The screenshot shows the PHPMyAdmin interface for the 'phpmyadmin' database. The left sidebar displays the database structure, including 'artworks', 'users', 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', and 'test'. The main panel shows the 'phpmyadmin' database structure with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. Below the structure, the table data is displayed as a table with 20 rows. The 'Filters' section is also visible.

Table	Action	Rows	Type	Collation	Size	Overhead
pma_bookmark	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_central_columns	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_column_info	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	32.0 KIB	-
pma_designer_settings	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_export_templates	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	32.0 KIB	-
pma_favorite	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_history	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	32.0 KIB	-
pma_navigationhiding	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_pdf_pages	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	32.0 KIB	-
pma_recent	✱ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8_bin	16.0 KIB	-
pma_relation	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	32.0 KIB	-
pma_savedsearches	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	32.0 KIB	-
pma_table_coords	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_table_info	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_table_uiprefs	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_tracking	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-
pma_userconfig	✱ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8_bin	16.0 KIB	-
usergroups	✱ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 KIB	-

phpMyAdmin

Server: 127.0.0.1 Database: information_schema

Structure SQL Search Query Export

Filters

Containing the word:

Table	Action	Rows	Type	Collation
ALL_PLUGINS	Browse Structure Search	~0	Aria	utf8_general_ci
APPLICABLE_ROLES	Browse Structure Search	~0	MEMORY	utf8_general_ci
CHARACTER_SETS	Browse Structure Search	~0	MEMORY	utf8_general_ci
CHECK_CONSTRAINTS	Browse Structure Search	~0	Aria	utf8_general_ci
CLIENT_STATISTICS	Browse Structure Search	~0	MEMORY	utf8_general_ci
COLLATIONS	Browse Structure Search	~0	MEMORY	utf8_general_ci
COLLATION_CHARACTER_SET_APPLICABILITY	Browse Structure Search	~0	MEMORY	utf8_general_ci
COLUMNS	Browse Structure Search	~0	Aria	utf8_general_ci
COLUMN_PRIVILEGES	Browse Structure Search	~0	MEMORY	utf8_general_ci
ENABLED_ROLES	Browse Structure Search	~0	MEMORY	utf8_general_ci
ENGINES	Browse Structure Search	~0	MEMORY	utf8_general_ci
EVENTS	Browse Structure Search	~0	Aria	utf8_general_ci
FILES	Browse Structure Search	~0	MEMORY	utf8_general_ci
GEOMETRY_COLUMNS	Browse Structure Search	~0	MEMORY	utf8_general_ci
GLOBAL_STATUS	Browse Structure Search	~0	MEMORY	utf8_general_ci
GLOBAL_VARIABLES	Browse Structure Search	~0	MEMORY	utf8_general_ci
INDEX_STATISTICS	Browse Structure Search	~0	MEMORY	utf8_general_ci
INNO_DB_BUFFER_PAGE	Browse Structure Search	~0	MEMORY	utf8_general_ci

Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

SELECT * FROM `users`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

	id	name	email	password_hash	handle	bio	created_at
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Samuel Pixel	samuel@example.com	\$2a\$10\$7f4MGgrfVH0L7p1r1R6EOCdXiPbgmlaXpVWe8Go3Pe...	@samuel_artist	Lover of collaborative pixel art, sunsets, and neo...	2025-12-01 22:07:35

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

phpMyAdmin

Server: 127.0.0.1 Database: cyrus_db

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
artworks	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	32.0 KiB	-
users	Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_general_ci	48.0 KiB	-
2 tables Sum		4	InnoDB	utf8mb4_general_ci	80.0 KiB	0 B

Check all | With selected:

Print Data dictionary

Create new table

Table name: Number of columns: Create

6.Screenshots of the application

CYRUS
Collaborative Art Board

Email Address

Password

Sign In

Don't have an account? [Sign up here](#)

