

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:

The screenshot shows a Jira task board with the following status counts and tasks:

- TO DO**: 4 tasks (SCRUM-10, SCRUM-20, SCRUM-21, SCRUM-22)
- IN PROGRESS**: 8 tasks (SCRUM-11, SCRUM-12, SCRUM-14, SCRUM-15, SCRUM-16)
- IN REVIEW**: 1 task (+ Create)
- DONE**: 9 tasks (Setup project structure, implement user login, Make a discussion about project, Collect some Introduction Data, Create Personas on the project)

3.GitHub Repository Link

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

The GitHub repository page for 'Cyrus' shows the following details:

- Code**: master branch, 1 Branch, 0 Tags
- Issues**: 2
- Pull requests**: 0
- Actions**: 0
- Projects**: 0
- Wiki**: 0
- Security**: 0
- Insights**: 0
- Settings**: 0

Commits (last 5 days):

- rapakavivek6-sys Add Express + Pug with sample artworks data (cbd19bb, 5 days ago)
- rapakavivek6-sys Add Express + Pug with sample artworks data (5 days ago)
- rapakavivek6-sys Add Express + Pug with sample artworks data (5 days ago)
- rapakavivek6-sys Add Express + Pug with sample artworks data (5 days ago)
- rapakavivek6-sys Add Express + Pug with sample artworks data (5 days ago)

README: Add a README

Monica (Instant): Repo Summary, Summarize this repo

About: No description, website, or topics provided.

Activity: 0 stars, 0 watching, 0 forks

Releases: 0

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.

5.1 Upload the PHPMyAdmin Screenshots.

Table: artworks

	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	

Tables

Table	Action	Rows	Type	Collation	Size	Overhead
columns_priv	Browse Structure Search Insert Empty Drop	0	Aria	utf8_bin	16.0 Kib	-
column_stats	Browse Structure Search Insert Empty Drop	0	Aria	utf8_bin	16.0 Kib	-
db	Browse Structure Search Insert Empty Drop	3	Aria	utf8_bin	40.0 Kib	-
event	Browse Structure Search Insert Empty Drop	0	Aria	utf8_general_ci	16.0 Kib	-
func	Browse Structure Search Insert Empty Drop	0	Aria	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	Aria	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	Aria	utf8_general_ci	40.0 Kib	-
help_keyword	Browse Structure Search Insert Empty Drop	37	Aria	utf8_general_ci	40.0 Kib	-
help_relation	Browse Structure Search Insert Empty Drop	114	Aria	utf8_general_ci	32.0 Kib	-
help_topic	Browse Structure Search Insert Empty Drop	752	Aria	utf8_general_ci	1.6 Mib	-
index_stats	Browse Structure Search Insert Empty Drop	0	Aria	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	Aria	utf8_general_ci	16.0 Kib	-
proc	Browse Structure Search Insert Empty Drop	0	Aria	utf8_general_ci	16.0 Kib	-
proxies_priv	Browse Structure Search Insert Empty Drop	0	Aria	utf8_bin	16.0 Kib	-
roles_mapping	Browse Structure Search Insert Empty Drop	0	Aria	utf8_general_ci	16.0 Kib	-
servers	Browse Structure Search Insert Empty Drop	0	Aria	utf8_bin	16.0 Kib	-

Tables

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_prefs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_bin	16.0 Kib	-
pma_table_uprefs	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	-
Console	Browse Structure Search Insert Empty Drop	0	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	MEMORY	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
INNODB_BUFFER_PAGES	Browse Structure Search	~0	MEMORY	utf8_general_ci
INNODB_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
1	Samuel Pixel	samuel@example.com	\$2a\$10\$if74MGgrfVH0L7p1r1R6EOCdXIPbgmlaxpVWe8Go3Pe...	@samuel_artist	Lover of collaborative pixel art, sunsets, and neo...	2025-12-01 22:07:35

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 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: 4 Create

Console

6.Screenshots of the application

CYRUS
Collaborative Art Board

Email Address

Password

Sign In

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

The screenshot shows the CYRUS homepage with a dark purple gradient background. At the top, there's a navigation bar with the CYRUS logo, "Collaborative Art Board", and links for Home, Canvas, Gallery, Profile, and Login. Below the navigation is a welcome message: "WELCOME TO CYRUS – Collaborative Art Board". It encourages users to "Draw pixel-perfect art together in real-time. Claim your canvas, collaborate with your crew, and bring your imagination to life." There are three buttons: "Start Drawing", "View Gallery", and "Live Collab". Below these are three stats: "3.2K+" Active Artists, "18" Live Canvases, and "42K+" Pixels Placed. To the right is a large, stylized graphic of vertical bars in various colors (pink, yellow, green, blue, purple, orange) with small icons above them. The bottom left features a section titled "Features for collaborative creativity" with the text: "CYRUS is built for teams, classrooms, and communities that love to draw together."