

# **AI-based localization and classification of skin disease with Erythema**

**Sprint 2**

**Annotate Images And Training YOLO**

# STEP - 1 :

The screenshot shows the Jira Software interface for the project 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The 'Backlog' view is active, displaying a list of issues under the 'ABLCSDWE Sprint 2' epic. A dropdown menu is open, showing options to create issues without an epic, register and login to IBM Cloud, create service instances, launch cloud DB, create database, and application building. The 'Epic panel' is also visible.

# STEP - 2 :

The screenshot shows the Jira Software interface for the project 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The 'Backlog' view is active, displaying a list of issues under the 'ABLCSDWE Sprint 2' epic. The 'Epic panel' is open, showing a list of tasks to be completed, including 'Create Database', 'Application Building', and 'Create A Project In VOTT(Microsoft's Visual Object Tagging Tool)'. The 'What needs to be done?' section is also visible.

# STEP - 3 :

The screenshot shows the Jira interface for the project "AI-Based Localization And Classification Of Skin Disease With Erythema". The board is titled "ABLCSWE Sprint 2" and has a "Complete sprint" button. The board is divided into three columns: "TO DO 6 OF 6 ISSUES", "IN PROGRESS", and "DONE". The "TO DO" column contains three issues: "Create A Project In VOTT(Microsoft's Visual Object Tagging Tool )" (ABLCSWE-53), "Create A Project In VOTT -Part 2" (ABLCSWE-54), and "Create A Project In VOTT-Part 3" (ABLCSWE-55). The "IN PROGRESS" and "DONE" columns are currently empty. The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Add shortcut, and Project settings. The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

# STEP - 4 :

The screenshot shows the Jira interface for the project "AI-Based Localization And Classification Of Skin Disease With Erythema". The board is titled "ABLCSWE Sprint 2" and has a "Complete sprint" button. The board is divided into three columns: "TO DO 6 OF 6 ISSUES", "IN PROGRESS", and "DONE". The "TO DO" column contains three issues: "Create A Project In VOTT-Part 4" (ABLCSWE-56), "Download And Convert Pre-Trained Weights" (ABLCSWE-57), and "Train YOLOv3 Detector" (ABLCSWE-58). The "IN PROGRESS" and "DONE" columns are currently empty. The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Add shortcut, and Project settings. The bottom of the screen shows the Windows taskbar with various application icons and the system clock.

# STEP - 5:

This screenshot shows the Jira Agile board for 'ABLCSWE Sprint 2'. The board is divided into three columns: 'TO DO 5 OF 5 ISSUES', 'IN PROGRESS 1 OF 5 ISSUE', and 'DONE'. The 'TO DO' column contains four issues: 'Create A Project In VOTT -Part 2' (ABLCSDWE-54), 'Create A Project In VOTT -Part 3' (ABLCSDWE-55), 'Create A Project In VOTT -Part 4' (ABLCSDWE-56), and 'Download And Convert Pre-Trained Weights'. The 'IN PROGRESS' column contains one issue: 'Create A Project In VOTT(Microsoft's Visual Object Tagging Tool)' (ABLCSDWE-53). The 'DONE' column is empty. The left sidebar shows the project navigation menu with 'Board' selected. The top navigation bar includes 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps', and a 'Create' button. The bottom status bar shows the system clock as 2:36 PM on 11/14/2022.

# STEP - 6:

This screenshot shows the Jira Agile board for 'ABLCSWE Sprint 2' at a later stage than Step 5. The 'TO DO' column now has four issues: 'Create A Project In VOTT -Part 3' (ABLCSDWE-55), 'Create A Project In VOTT -Part 4' (ABLCSDWE-56), 'Download And Convert Pre-Trained Weights' (ABLCSDWE-57), and 'Train YOLOv3 Detector'. The 'IN PROGRESS' column now has two issues: 'Create A Project In VOTT(Microsoft's Visual Object Tagging Tool)' (ABLCSDWE-53) and 'Create A Project In VOTT -Part 2' (ABLCSDWE-54). The 'DONE' column remains empty. The left sidebar and top navigation bar are consistent with the previous screenshot. The bottom status bar shows the system clock as 2:37 PM on 11/14/2022.

# STEP - 7 :

The screenshot shows the Jira Agile board for 'ABLCSDWE Sprint 2'. The board is divided into three columns: 'TO DO 3 OF 3 ISSUES', 'IN PROGRESS 3 OF 7 ISSUES', and 'DONE'. The 'IN PROGRESS' column contains three issues: 'Create A Project In VOTT (Microsoft's Visual Object Tagging Tool)' (ABLCSDWE-53), 'Create A Project In VOTT -Part 2' (ABLCSDWE-54), and 'Create A Project In VOTT-Part 3' (ABLCSDWE-55). The 'TO DO' column contains three issues: 'Create A Project In VOTT-Part 1' (ABLCSDWE-56), 'Download And Convert Pre-Trained Weights' (ABLCSDWE-57), and 'Train YOLOv3 Detector' (ABLCSDWE-58). The 'DONE' column is empty. The board is titled 'ABLCSDWE Sprint 2' and has a 'Complete sprint' button. The left sidebar shows the project 'AI-Based Localization ...' and the 'Board' view is selected. The bottom of the screen shows the Windows taskbar with the date 11/14/2022 and time 2:37 PM.

# STEP - 8 :

The screenshot shows the Jira Agile board for 'ABLCSDWE Sprint 2'. The board is divided into three columns: 'TO DO', 'IN PROGRESS 6 OF 10 ISSUES', and 'DONE'. The 'IN PROGRESS' column contains three issues: 'Create A Project In VOTT-Part 4' (ABLCSDWE-56), 'Download And Convert Pre-Trained Weights' (ABLCSDWE-57), and 'Train YOLOv3 Detector' (ABLCSDWE-58). The 'TO DO' column is empty. The 'DONE' column is empty. The board is titled 'ABLCSDWE Sprint 2' and has a 'Complete sprint' button. The left sidebar shows the project 'AI-Based Localization ...' and the 'Board' view is selected. The bottom of the screen shows the Windows taskbar with the date 11/14/2022 and time 2:37 PM.

## STEP - 9 :

The screenshot shows the Jira Backlog view for the project 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The left sidebar contains navigation options: Roadmap, Backlog (selected), Board, Code, Project pages, Add shortcut, and Project settings. The main area displays a list of issues under the 'Epic' filter. The issues are:

- ABLCSDWE-31 create A Project VOTT(Microsoft's Visual Obj... IN PROGRESS
- ABLCSDWE-33 Create A Project In VOTT -Part 2 IN PROGRESS
- ABLCSDWE-34 Create A Project In VOTT-Part 3 IN PROGRESS
- ABLCSDWE-35 Create A Project In VOTT-Part 4 IN PROGRESS
- ABLCSDWE-36 Download And Convert Pre-Trained Weights IN PROGRESS
- ABLCSDWE-37 Train YOLOv3 Detector IN PROGRESS

At the bottom, there is a 'Quickstart' button and a status bar showing the date and time.

## STEP - 10 :

The screenshot shows the Jira Sprint view for the project 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The left sidebar contains navigation options: Roadmap, Backlog, Board (selected), Code, Project pages, Add shortcut, and Project settings. The main area displays a Kanban board with three columns: TO DO, IN PROGRESS 2 OF 9 ISSUES, and DONE 4 OF 5 ISSUES. The issues in the 'IN PROGRESS' column are:

- Download And Convert Pre-Trained Weights (ABLCSDWE-36)
- Train YOLOv3 Detector (ABLCSDWE-37)

The issues in the 'DONE' column are:

- create A Project VOTT(Microsoft's Visual Object Tagging Tool) (ABLCSDWE-31)
- Create A Project In VOTT -Part 2 (ABLCSDWE-33)
- Create A Project In VOTT-Part 3 (ABLCSDWE-34)

At the bottom, there is a 'Quickstart' button and a status bar showing the date and time.

# STEP - 11 :

The screenshot shows the Jira Agile board for the project 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The board is titled 'ABLCSWE Sprint 2' and has a '4 days remaining' timer. The board is divided into three columns: 'TO DO', 'IN PROGRESS 2 OF 9 ISSUES', and 'DONE 4 OF 5 ISSUES'. The 'IN PROGRESS' column contains two issues: 'Train YOLOv3 Detector' (ABLCSDWE-37) and 'Create A Project In VOTT -Part 2' (ABLCSDWE-33). The 'DONE' column contains three issues: 'Create A Project In VOTT-Part 3' (ABLCSDWE-34), 'Create A Project In VOTT-Part 4' (ABLCSDWE-35), and 'Train YOLOv3 Detector' (ABLCSDWE-37). The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Add shortcut, and Project settings. The bottom status bar shows the system clock as 11:07 AM on 11/14/2022.

# STEP - 12 :

The screenshot shows the Jira Agile board for the project 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The board is titled 'All sprints' and has a 'Complete sprint' button. The board is divided into three columns: 'TO DO', 'IN PROGRESS 7 ISSUES', and 'DONE 7 ISSUES'. The 'IN PROGRESS' column contains four issues: 'ABLCSDWE-13', 'Launch Cloud DB' (ABLCSDWE-14), 'Create Database' (ABLCSDWE-15), and 'Train YOLOv3 Detector' (ABLCSDWE-37). The 'DONE' column contains three issues: 'Create A Project In VOTT-Part 4' (ABLCSDWE-35), 'Download And Convert Pre-Trained Weights' (ABLCSDWE-36), and 'Train YOLOv3 Detector' (ABLCSDWE-37). The left sidebar shows the project navigation menu with options like Roadmap, Backlog, Board, Code, Project pages, Add shortcut, and Project settings. The bottom status bar shows the system clock as 12:33 PM on 11/14/2022.

# STEP - 13:

The screenshot shows the Jira interface for a project named 'AI-Based Localization And Classification Of Skin Disease With Erythema'. The 'Backlog' view is active, displaying a list of issues. The left sidebar shows the project navigation menu with 'Backlog' selected. The main content area shows a list of issues with the following details:

Issue ID	Issue Title	Status	Assignee
ABLCSDWE-31	create A Project VOTT(Microsoft's Visu...	DONE	HJ
ABLCSDWE-33	Create A Project In VOTT -Part 2	DONE	HJ
ABLCSDWE-34	Create A Project In VOTT-Part 3	DONE	HJ
ABLCSDWE-35	Create A Project In VOTT-Part 4	DONE	HJ
ABLCSDWE-36	Download And Convert Pre-Trai...	IN PROGRESS	HJ
ABLCSDWE-37	Train YOLOv3 Detector	IN PROGRESS	HJ

The bottom of the screen shows the Windows taskbar with the system clock at 11:04 AM on 11/14/2022.

# STEP - 13 :

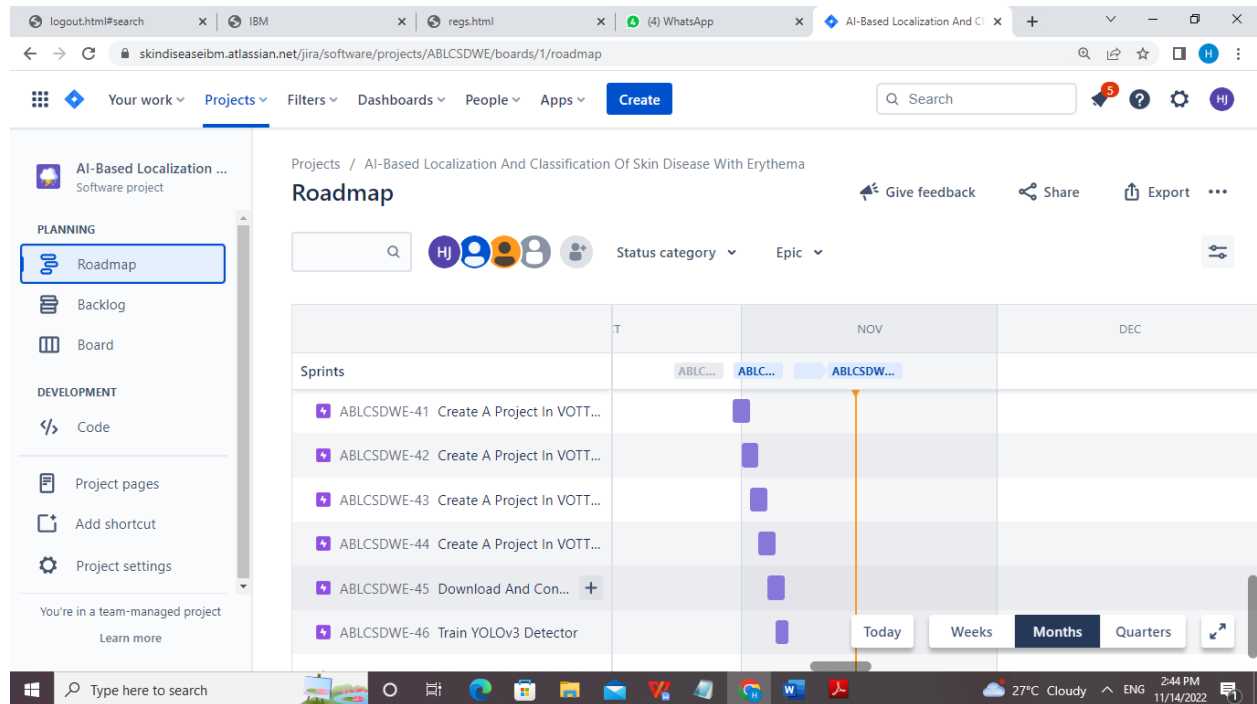
The screenshot shows the Jira interface for the same project. The 'Backlog' view is active, displaying a list of issues. The left sidebar shows the project navigation menu with 'Backlog' selected. The main content area shows a list of issues with the following details:

Issue ID	Issue Title	Status	Assignee
ABLCSDWE-31	create A Project VOTT(Microsoft's Visual Object Ta...	DONE	HJ
ABLCSDWE-33	Create A Project In VOTT -Part 2	DONE	HJ
ABLCSDWE-34	Create A Project In VOTT-Part 3	DONE	HJ
ABLCSDWE-35	Create A Project In VOTT-Part 4	DONE	HJ
ABLCSDWE-36	Download And Convert Pre-Trained W...	DONE	HJ
ABLCSDWE-37	Train YOLOv3 Detector	DONE	HJ

The bottom of the screen shows the Windows taskbar with the system clock at 12:32 PM on 11/14/2022.

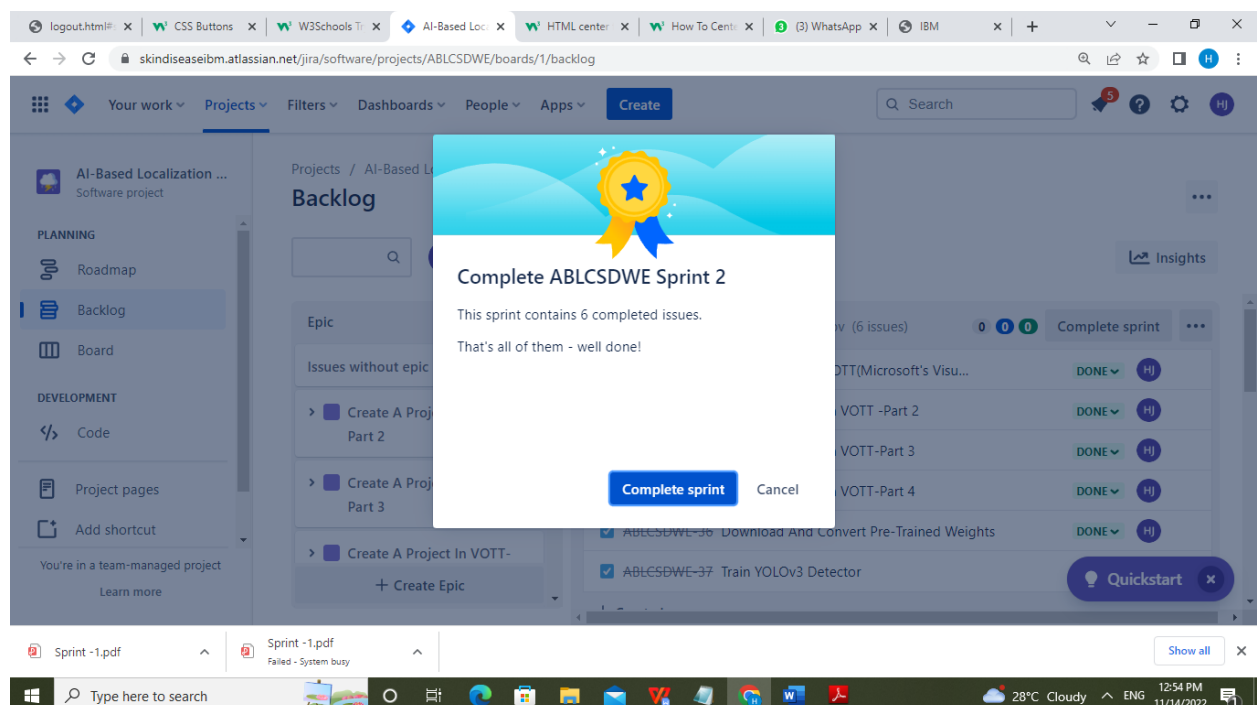


# STEP - 14 :



The screenshot shows the Jira Roadmap view for the project "AI-Based Localization And Classification Of Skin Disease With Erythema". The left sidebar contains a navigation menu with "Roadmap" selected under the "PLANNING" section. The main area displays a timeline with columns for "OCT", "NOV", and "DEC". A "Sprints" section lists six items, each with a purple square indicating its duration. The items are: "ABLCSDEWE-41 Create A Project In VOTT...", "ABLCSDEWE-42 Create A Project In VOTT...", "ABLCSDEWE-43 Create A Project In VOTT...", "ABLCSDEWE-44 Create A Project In VOTT...", "ABLCSDEWE-45 Download And Con...", and "ABLCSDEWE-46 Train YOLOv3 Detector". A vertical orange line marks the "Today" date. At the bottom, there are tabs for "Today", "Weeks", "Months", and "Quarters".

# STEP - 15 :



The screenshot shows the Jira Backlog view for the project "AI-Based Localization And Classification Of Skin Disease With Erythema". A modal dialog box is displayed in the center, titled "Complete ABLCSDEWE Sprint 2". The dialog contains the text: "This sprint contains 6 completed issues. That's all of them - well done!". At the bottom of the dialog, there are two buttons: "Complete sprint" and "Cancel". The background shows the Jira interface with the "Backlog" view selected. The left sidebar contains a navigation menu with "Backlog" selected under the "PLANNING" section. The main area displays a list of issues, including "Create A Project In VOTT-Part 2", "Create A Project In VOTT-Part 3", "Create A Project In VOTT-Part 4", "Download And Convert Pre-Trained Weights", and "Train YOLOv3 Detector".