

Graded Assignment 6.1

Name: Mohammad Hamza Asim

Employee#: 2303.KHI.DEG.014

Collaborated with: Saad Sameer Khan
(2303.KHI.DEG.034)

Backlog

Projects / hamzasaad-scrum

Backlog

Search: H SK

Epic

Insights

Epic

Issues without epic

- Cloud Storage Setup
- Data Preparation
- Data Processing Configuration
- Data Analysis and Job Execution

+ Create epic

HS Sprint 1 23 May – 6 Jun (7 issues)

Establishing Glue architecture in AWS

Issue ID	Issue Name	Category	Assignee	Status	Progress
HS-6	Create Bucket	CLOUD STORAGE SETUP	1	DONE	100%
HS-9	Set up Directories	CLOUD STORAGE SETUP	1	DONE	100%
HS-13	Upload Input Data	DATA PREPARATION	1	DONE	100%
HS-18	Configure IAM Roles and VPC Endpoints	DATA PROCESSING CONFIGURATI...	3	PENDING ISSUES	0%
HS-21	Establish Database Connection	DATA PROCESSING CONFIGURATI...	2	IN PROGRESS	50%
HS-23	Create AWS Glue Database	DATA ANALYSIS AND JOB EXECUT...	1	IN PROGRESS	50%
HS-25	Perform Data Analysis and Run Job	DATA ANALYSIS AND JOB EXECUT...	3	TO DO	0%

+ Create issue

We created 4 Epics (Bold) and within every Epics we created Stories. Tasks, individual steps, are added :

1) **Cloud Storage Setups**

- (a) *Create Bucket*
- (b) *Setup Directories*

2) **Data Preparation**

- (a) *Upload Input Data*

3) **Data Processing Configuration**

- (a) *Configure IAM Roles and VPC Endpoints*
- (b) *Establish Database Connection*

4) **Data Analysis and Job Execution**

- (a) *Create AWS Glue Database*
- (b) *Perform Data Analysis and Run Job*

Random screenshots of Stories to view the sub tasks assigned:

HS-1 / HS-6

Create Bucket

Attach Add a child issue Link issue ...

Description
Add a description...

Child issues Order by ... + 0% Done

HS-39	Create a bucket named 'hamzasaad-glue-data'	1	TO DO
HS-40	Configure the bucket for organized storage	1	TO DO

Activity
Show: All Comments History Work log Newest first

H

Add a comment...

Pro tip: press **M** to comment

Done Done Actions

Pinned Fields
Click on the next to a field label to start pinning.

Details

Assignee	SK Saad Sameer Khan Assign to me
Labels	None
Sprint	HS Sprint 1
Original estimate	2h
Time tracking	No time logged 2h remaining <input checked="" type="checkbox"/> Include child issues
Story point estimate	1
Reporter	H hamza.asim

Created 11 hours ago
Updated 36 minutes ago
Resolved 1 hour ago

Configure

HS-4 / HS-25

Perform Data Analysis and Run Job

Attach Add a child issue Link issue ...

Description
Add a description...

Child issues Order by ... + 0% Done

HS-51	Configure the Glue crawler to analyze the data in the input_data directory.	1	TO DO
HS-52	Extract format, schema, and relationship information using the Glue crawler.	1	TO DO
HS-53	Create and configure a Glue job.	1	TO DO
HS-56	Add an SQL query to the Glue job to perform the desired data processing.	1	TO DO
HS-54	Run the Glue job and monitor its execution	1	TO DO
HS-55	Verify that the Parquet files are generated correctly in the output_data dire...	1	TO DO

Activity
Show: All Comments History Work log Newest first

H

Add a comment...

Pro tip: press **M** to comment

To Do Actions

Pinned fields
Click on the next to a field label to start pinning.

Details

Assignee	SK Saad Sameer Khan Assign to me
Labels	None
Sprint	HS Sprint 1
Original estimate	0m
Time tracking	No time logged <input checked="" type="checkbox"/> Include child issues
Story point estimate	3
Reporter	H hamza.asim

Created 11 hours ago
Updated 38 minutes ago

Configure

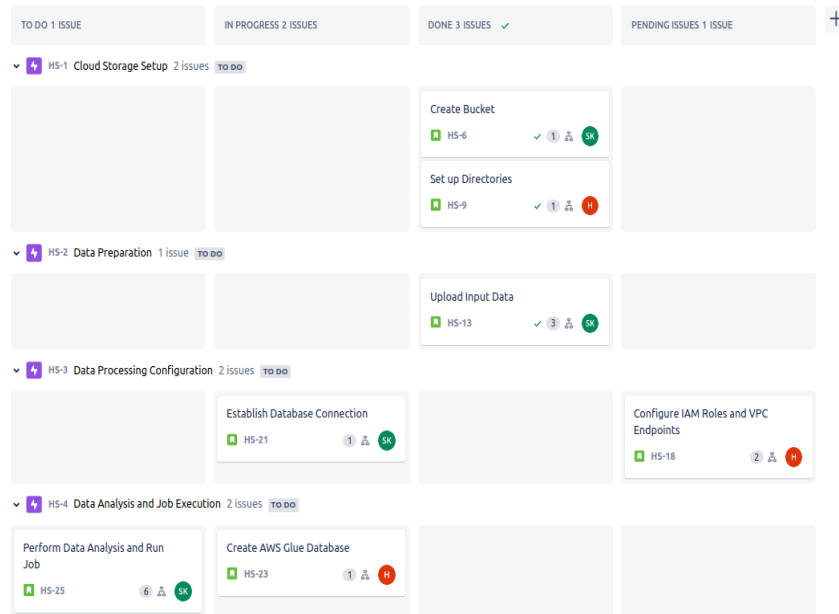
HS Sprint 1

Establishing Glue architecture in AWS

9 days remaining Complete sprint

Epic

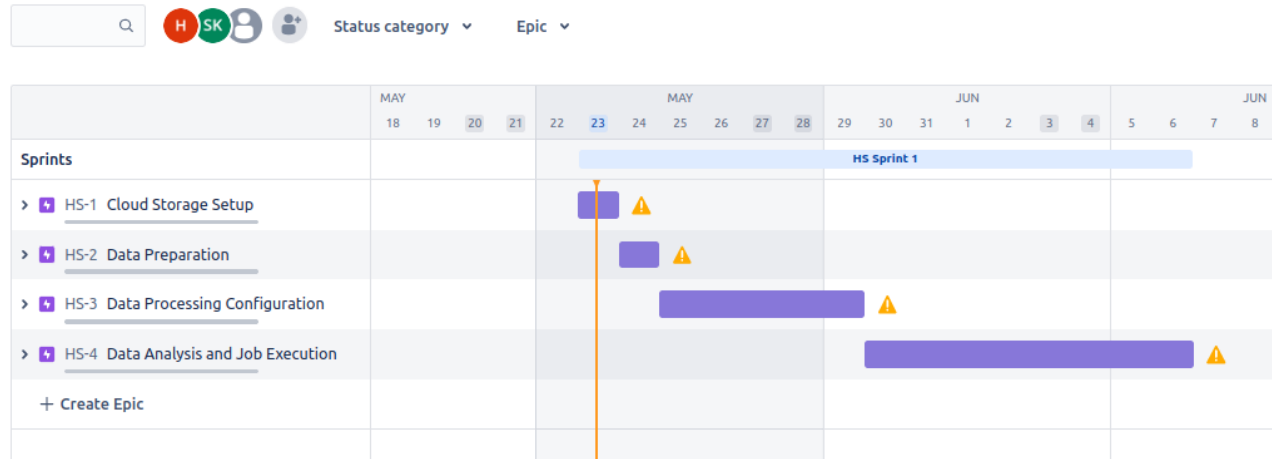
GROUP BY Epic Insights



Quickstart

The board section provides a visual representation of the project's progress, categorizing tasks into different stages with Group by set to 'Epic'. The "To Do" section includes all the pending epics or tasks that are yet to be started. The "In Progress" section displays the ongoing tasks, indicating active work being done. The "Completed" section showcases the tasks that have been finished successfully. Lastly, the "Pending" section represents tasks awaiting further action or approval before being marked as complete. Tasks are assigned evenly to the other members seen above.

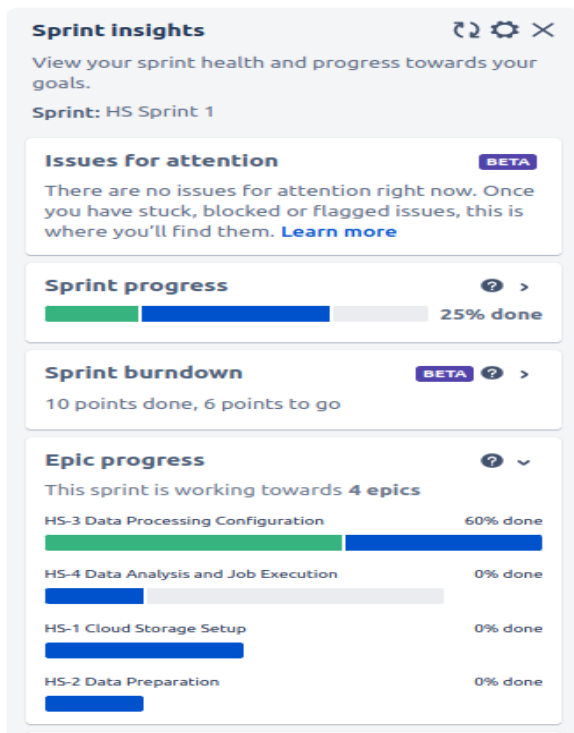
Roadmap



The Road map Section gives us an insights of our Sprint in the form of Gantt Chart covering the epics in 2 weeks

Sprint insights are generated based on data and analysis from Sprint planning, Point estimates, Sprint schedule dates. They provide valuable information about the team's progress, challenges faced, and potential improvements within our scheduled time (in our case 2 weeks) .

GROUP BY Epic Insights



Team name: GNA

People



Your teammate

Add people



hamza.asim

Software Engineer



Saad Sameer Khan