

## **Graded Assignment 6.1**

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

+ 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

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  
☒ 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

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  
☒ Include child issues

Story point estimate 3

Reporter **H** hamza.asim

Created 11 hours ago  
Updated 38 minutes ago

Configure

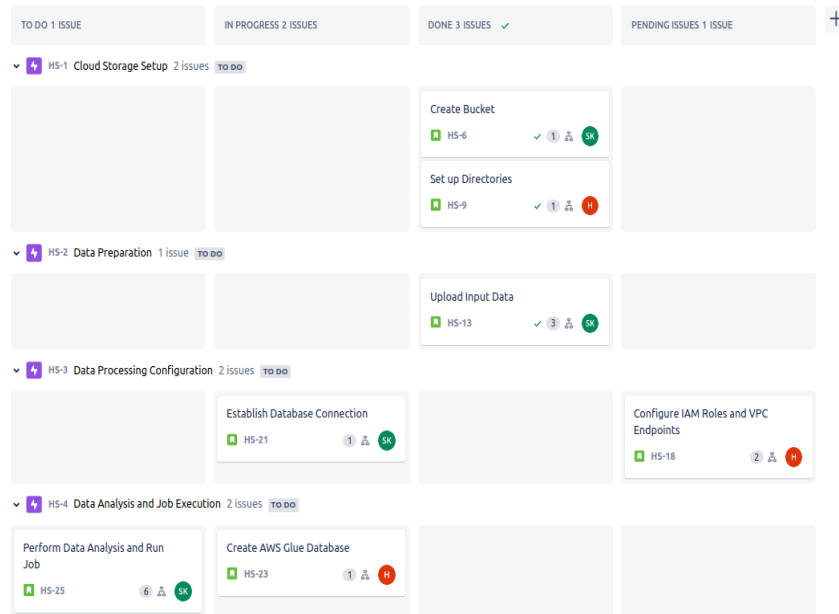
## HS Sprint 1

Establishing Glue architecture in AWS

9 days remaining Complete sprint ...

Epic

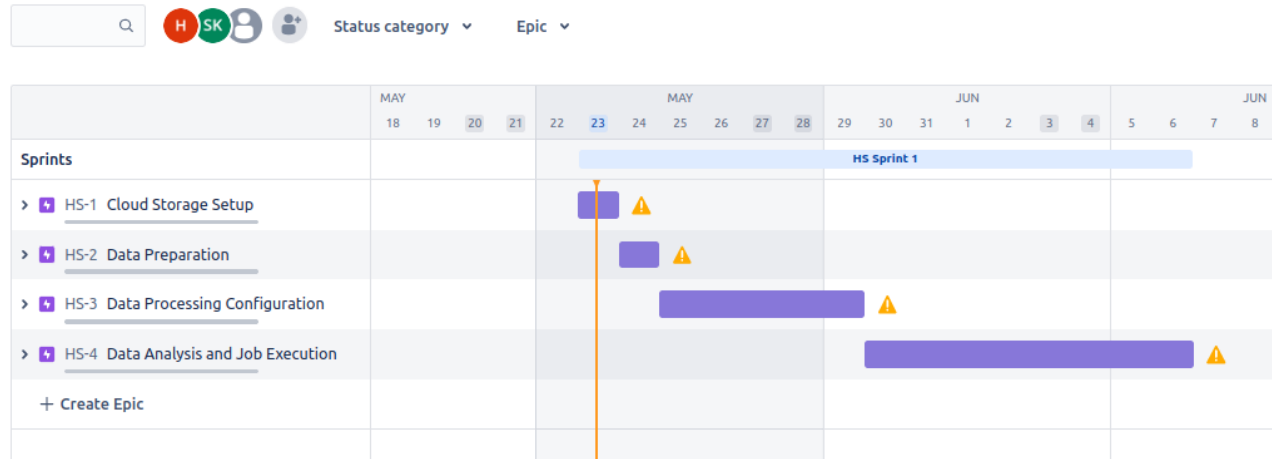
GROUP BY Epic Insights



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.

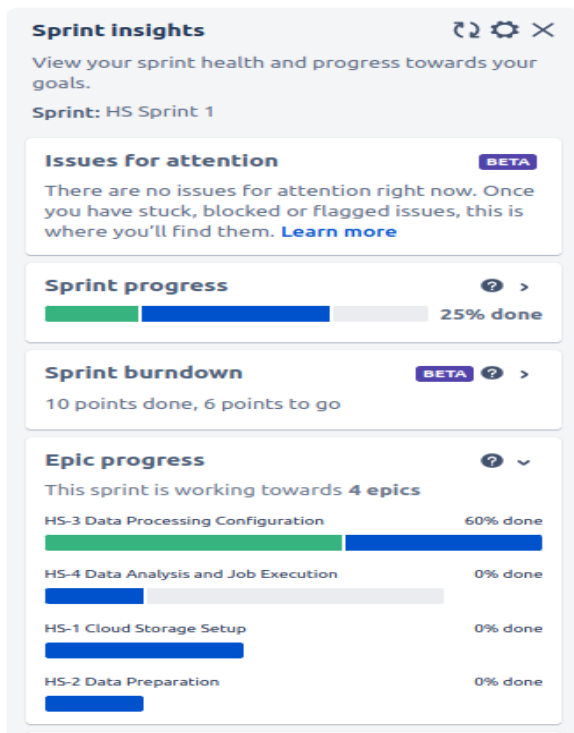
## Roadmap



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