**Swagger**

* Swagger is an open source framework used for designing ,building,documenting APIs
* It provides tools that helps developers to create APIs that are easy to understand and use
* **Features:**
* Swagger uses the OpenAPI specifications to define APIs in a standard for mat and they defines the structure of API endpoints, request, responses
* Swagger provides tools like swagger editor and swagger UI to design APIs and these tools helps developers create API documentation using a YAML or JSON format
* Swagger automatically generates API documentation. This documentation is user friendly and allows developers to explore and test APIs directly from the documentation
* Swagger codegen can generate API documentation in various languages
* Swagger provides basic testing capabilities, allowing developers to send requests and view responses from the documentation
* Swagger has API monitoring feature to track API performance and errors
* Swagger supports authentication and authorization methods
* **Comparison between Swagger and Postman**

1. **Swagger:**

* Swaggers main purpose is use to creating and documenting APIs
* Swagger helps us to design our API by writing code then automatically generates documentation from that code
* Swagger mostly used by API developers at the starting of API life cycle
* Swagger can create API documentation to understand

1. **Postman:**

* Postman is used for testing purpose of APIs and also used for development
* When we send request to our API and see the responses and run the tests to check for error
* Postman is used by developers and testers
* Postman has features for running automated tests creating workflow with multiple API calls and sharing collections of APIs