**Flowchart**

**Graph Name: Flowchart**

flowchart TD

A[Start] --> B[Step 1]

B --> C[Step 2]

C --> D[End]

**Sequence Diagram**

**Graph Name: Sequence Diagram**

sequenceDiagram

participant User

participant WebApp

participant Database

User->>WebApp: Login request

WebApp->>Database: Query user data

Database-->>WebApp: Return user data

WebApp-->>User: Login success

**Class Diagram**

**Graph Name: Class Diagram**

classDiagram

Class01 <|-- AveryLongClass : Cool

Class01 : size

Class01 : int chimp

Class01 : String gorilla

Class01 : int calculate()

**State Diagram**

**Graph Name: State Diagram**

stateDiagram-v2

[\*] --> Still

Still --> [\*]

Still --> Moving

Moving --> Still

Moving --> Crash

Crash --> [\*]

**Entity Relationship Diagram**

**Graph Name: Entity Relationship Diagram**

erDiagram

CUSTOMER ||--o{ ORDER : places

ORDER ||--|{ LINE-ITEM : contains

CUSTOMER {

string name

string address

}

ORDER {

int orderNumber

date orderDate

}

LINE-ITEM {

int quantity

float price

}

**Gantt Chart**

**Graph Name: Gantt Chart**

gantt

title A Gantt Diagram

dateFormat YYYY-MM-DD

section Section

A task :a1, 2023-01-01, 30d

Another task :after a1, 20d

section Another

Task in sec:2023-02-01 , 20d

another task: 24d

**Pie Chart**

**Graph Name: Pie Chart**

pie

title Pie Chart

"Apple" : 40

"Banana" : 30

"Cherry" : 30

**Journey Diagram**

**Graph Name: User Journey**

journey

title User Journey

section A Section

Step1: 5: User does action

Step2: 4: User performs another action

Step3: 3: User completes the process

**Requirement Diagram**

**Graph Name: Requirement Diagram**

requirementDiagram

requirement testReq {

id: 1

type: Functional

text: This is a test requirement

}

functionalRequirement testReq --|> testCase

**Gitgraph Diagram**

**Graph Name: Gitgraph Diagram**

gitGraph

commit

commit

branch develop

checkout develop

commit

commit

checkout main

merge develop

commit