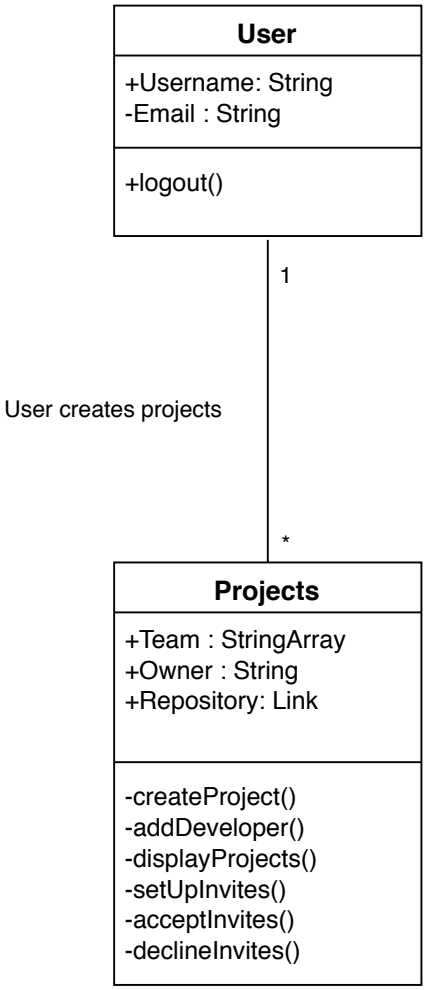
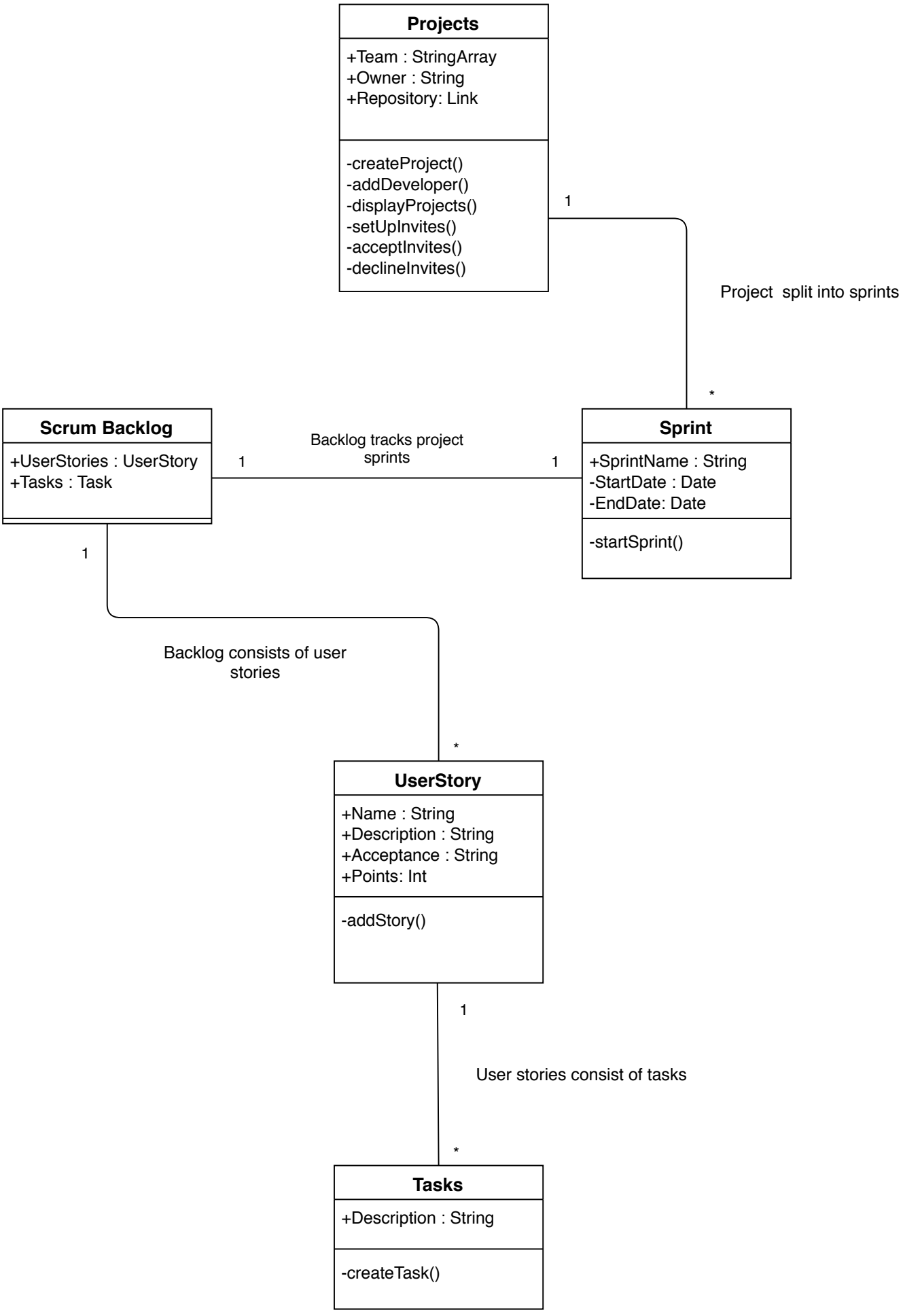
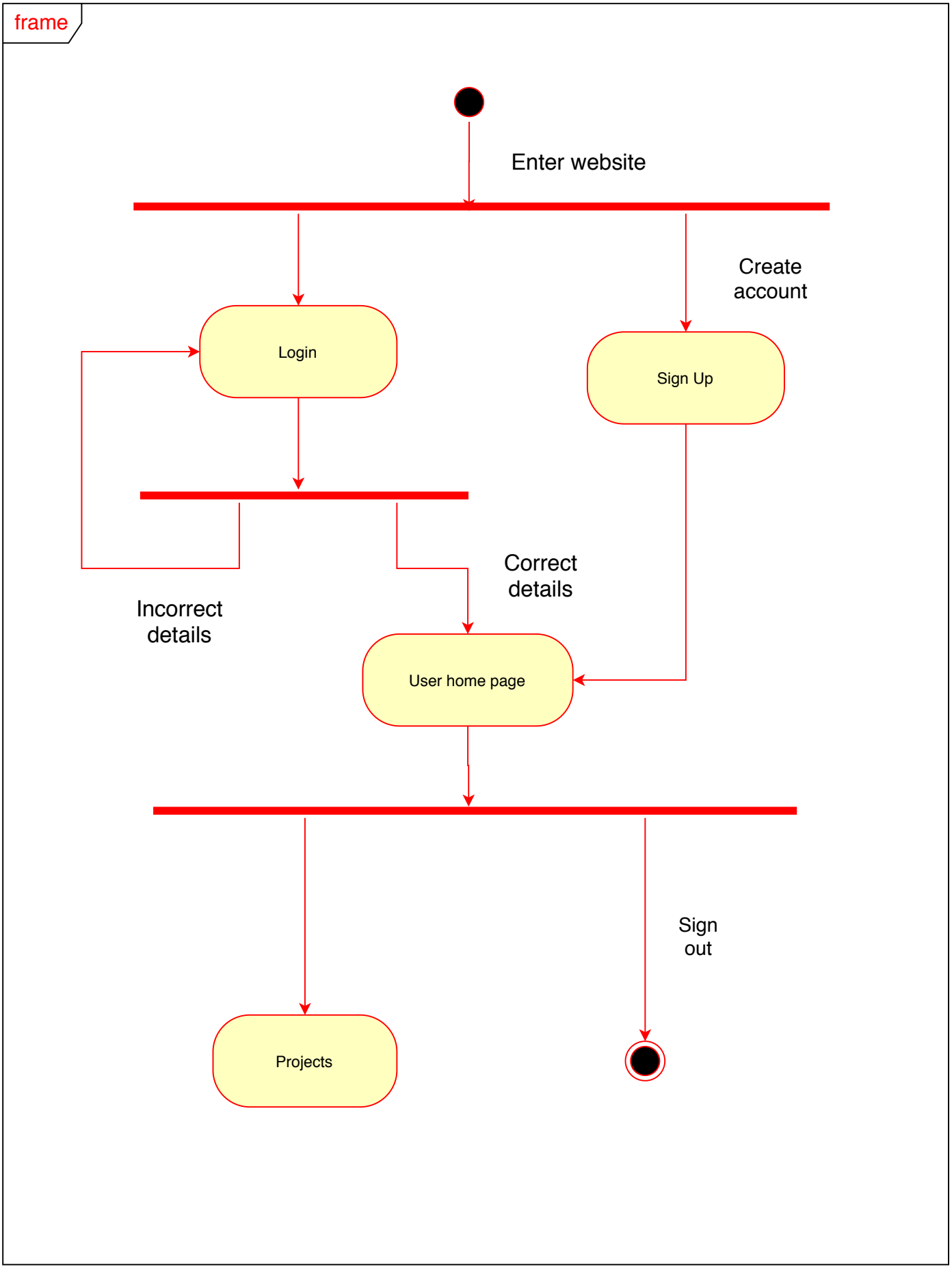
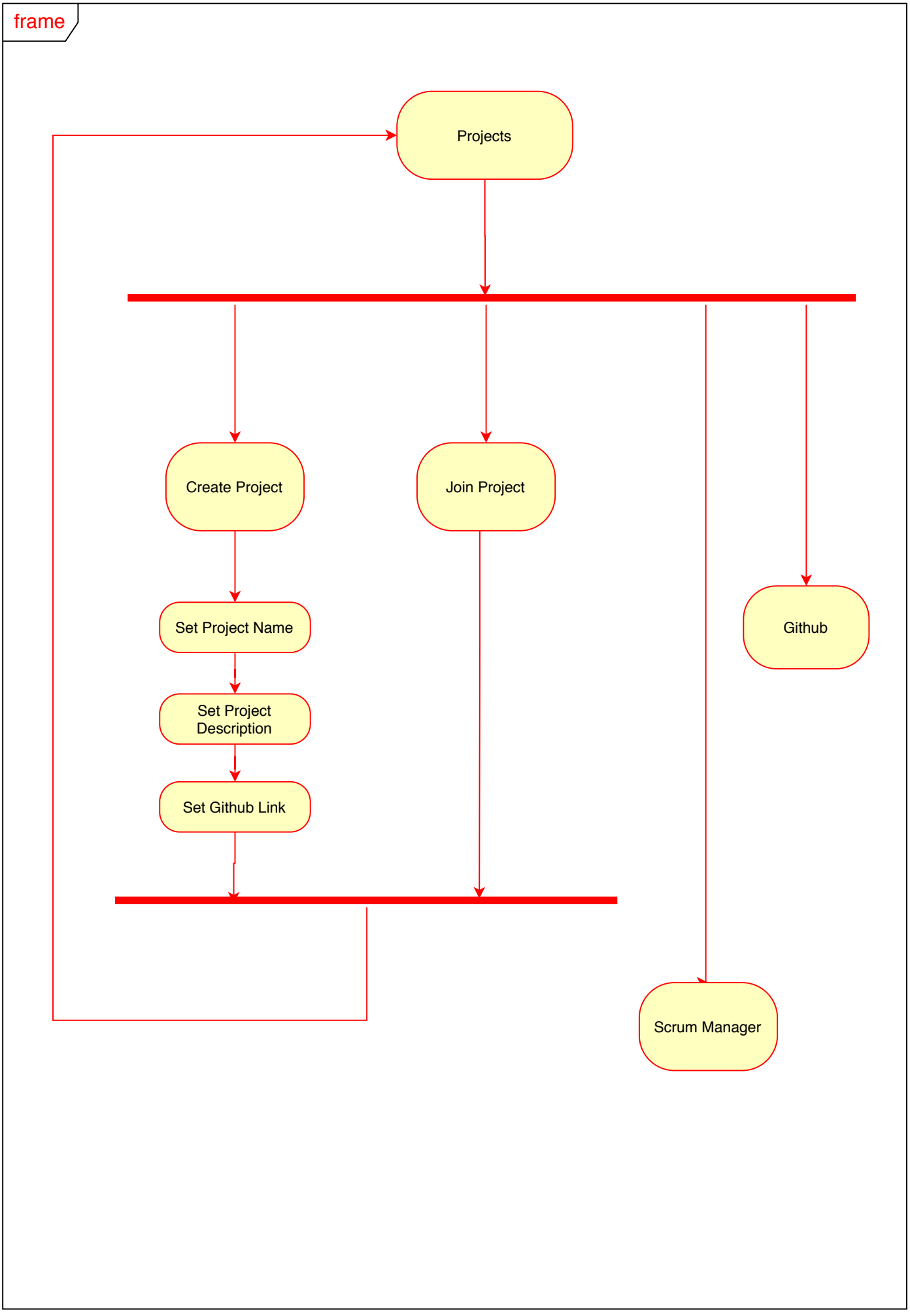
Logical View : Class Diagram

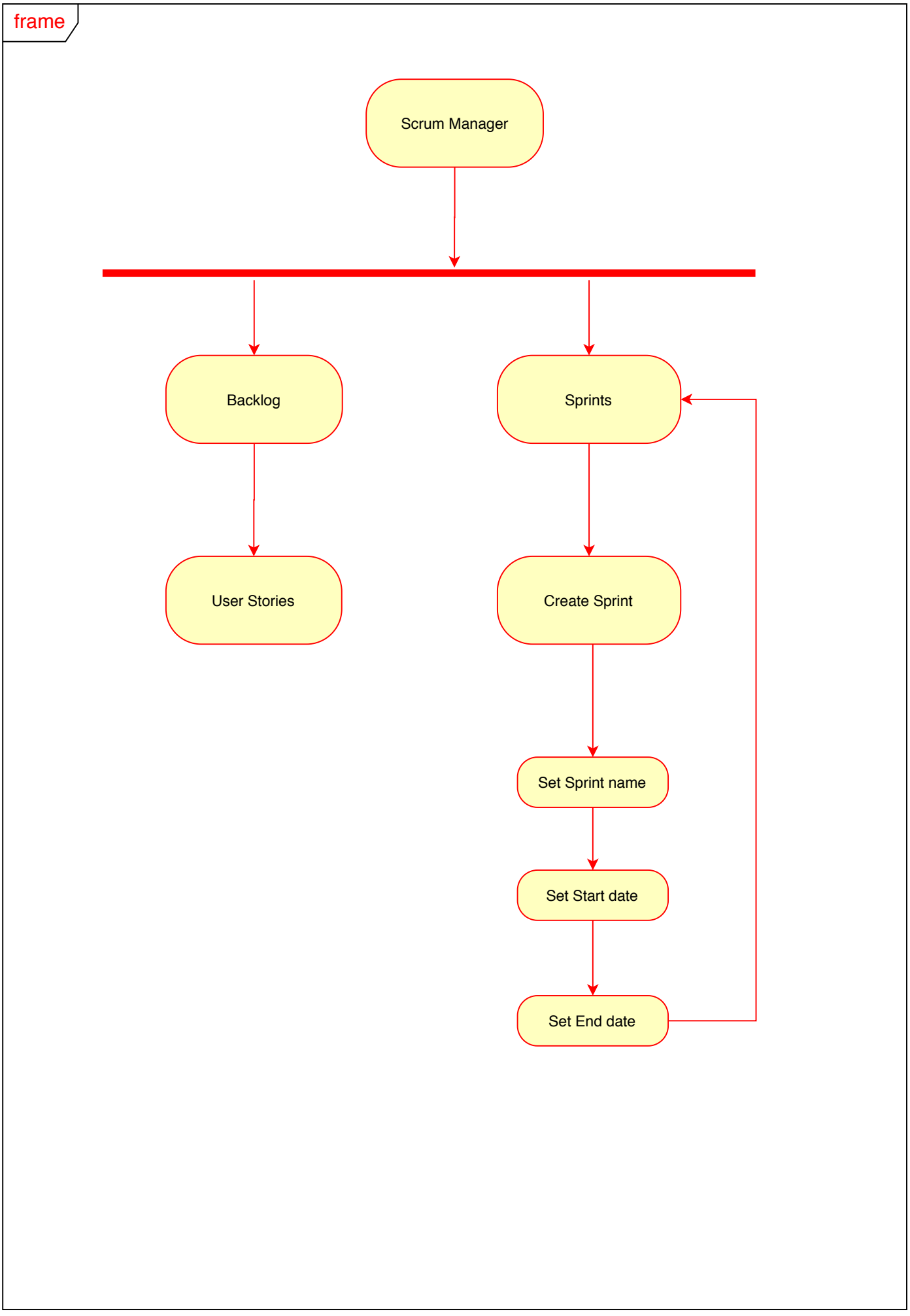


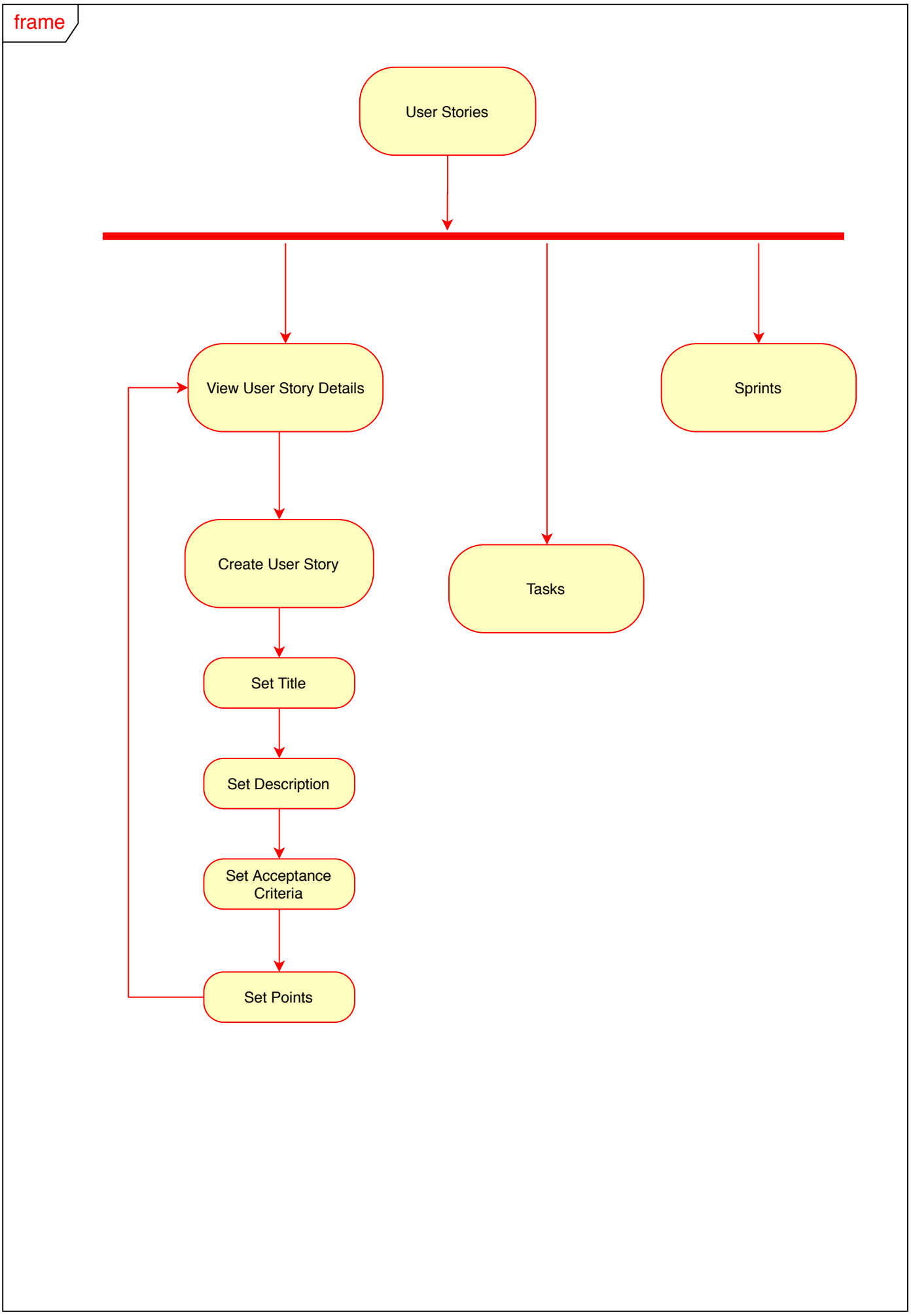

Projects
+Team : StringArray
+Owner : String
+Repository: Link
-createProject()
-addDeveloper()
-displayProjects()
-setUpInvites()
-acceptInvites()
-declineInvites()
1
Project split into sprints
*
Scrum Backlog
+UserStories : UserStory
+Tasks : Task
1
Backlog tracks project sprints
1
Sprint
+SprintName : String
-StartDate : Date
-EndDate: Date
-startSprint()
1
Backlog consists of user stories
*
UserStory
+Name : String
+Description : String
+Acceptance : String
+Points: Int
-addStory()
1
User stories consist of tasks
*
Tasks
+Description : String
-createTask()

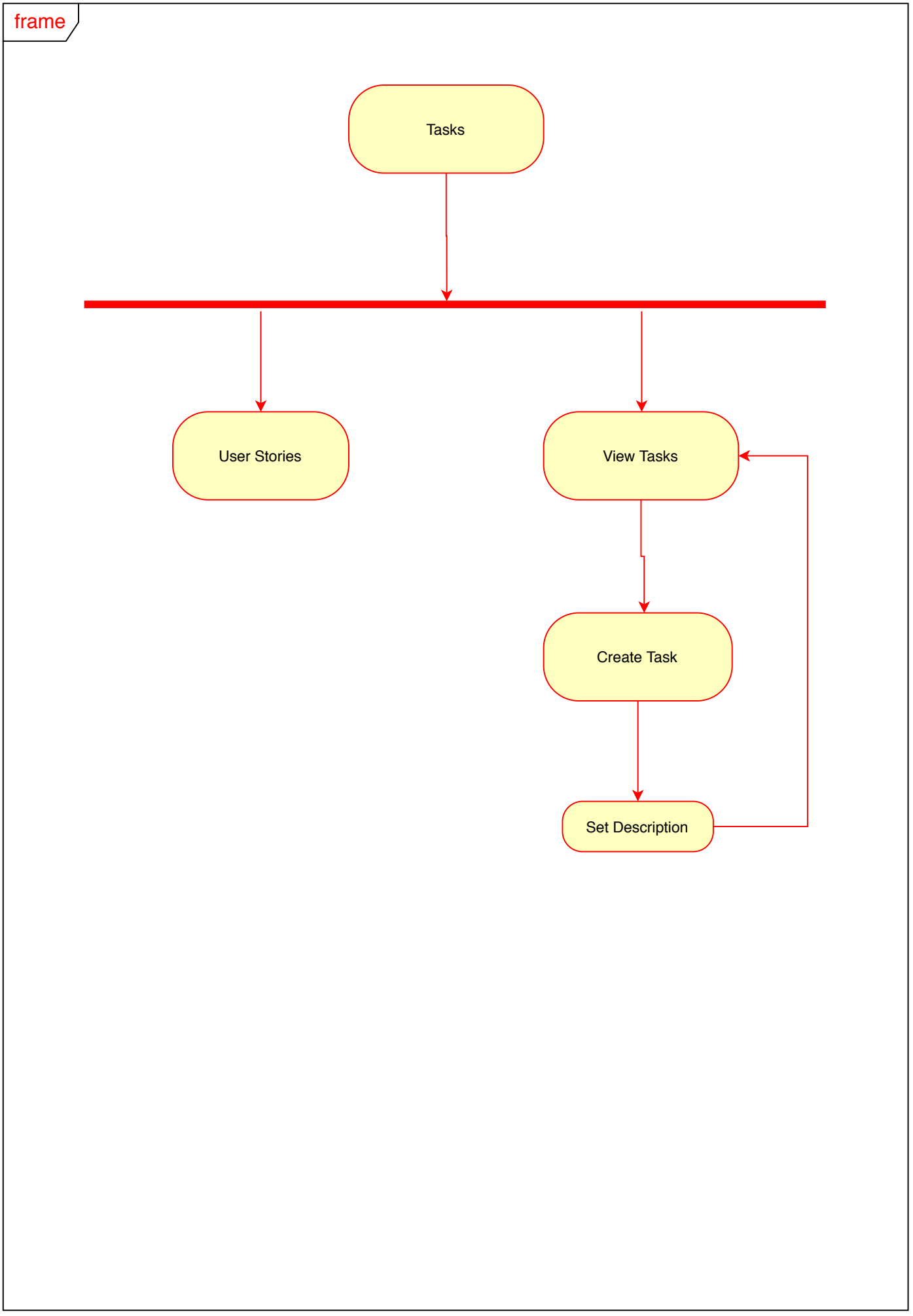
Logical View : State Diagram



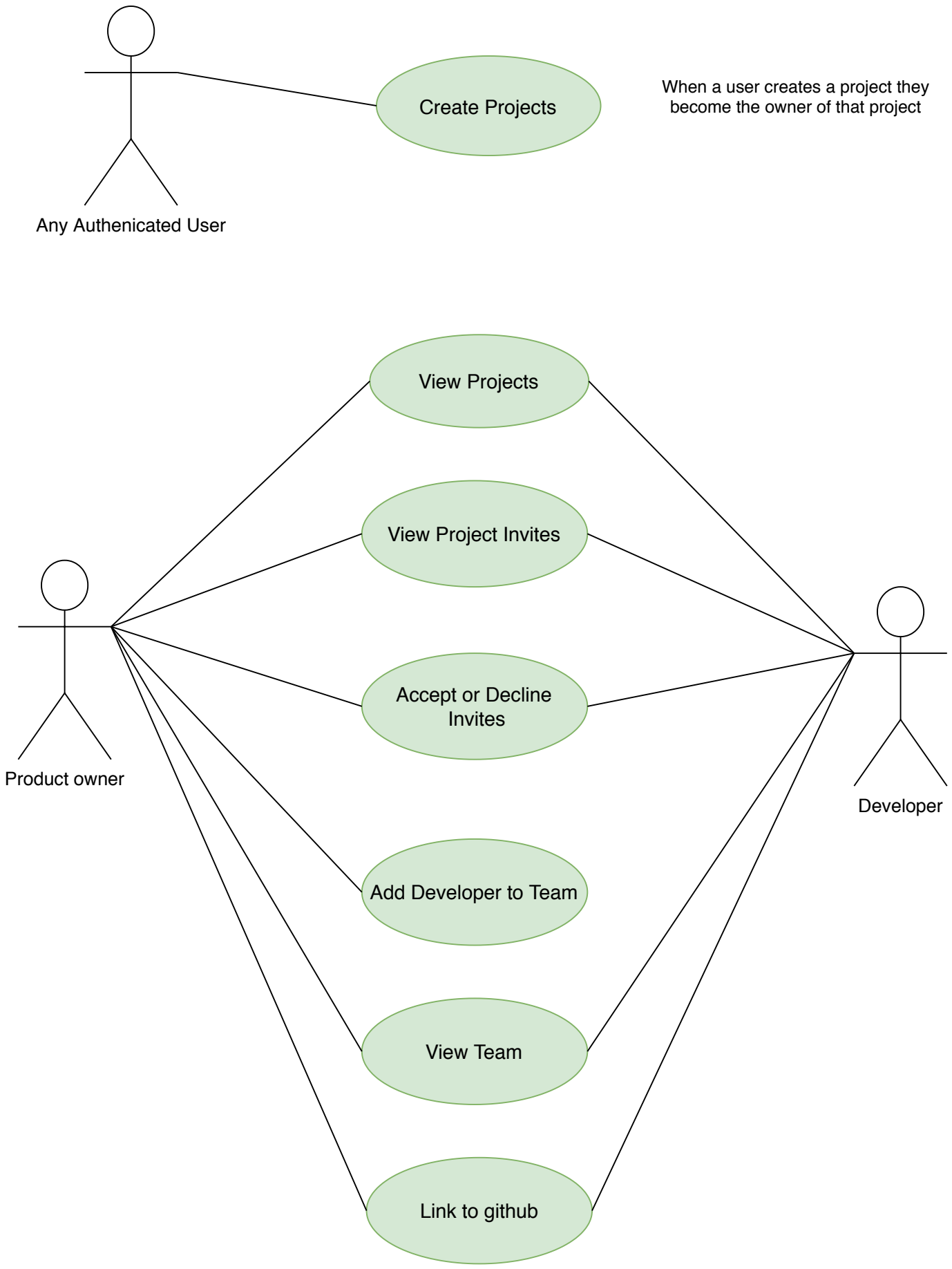

frame
Projects
Create Project
Join Project
Github
Set Project Name
Set Project Description
Set Github Link
Scrum Manager

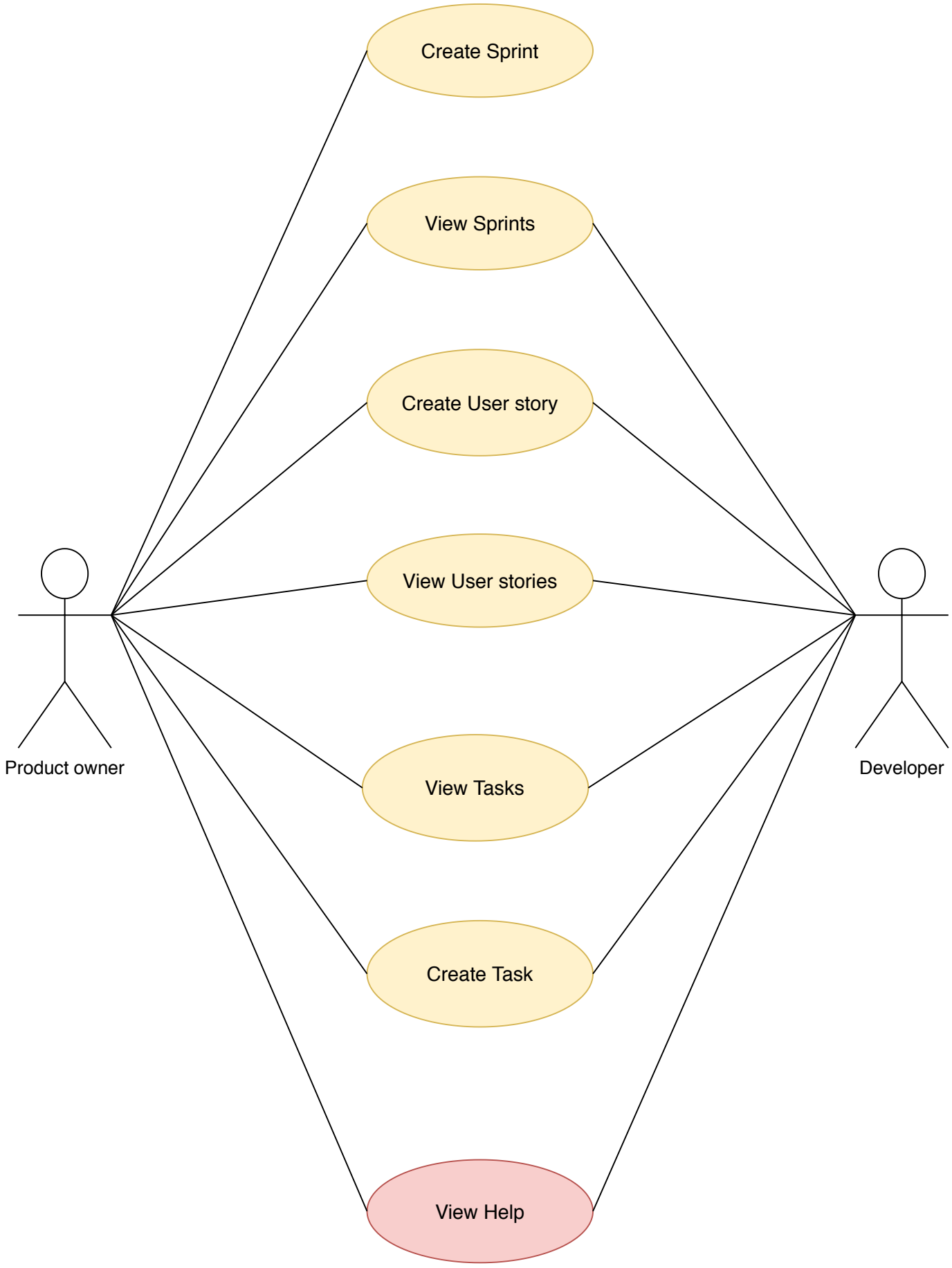

frame
Scrum Manager
Backlog
Sprints
User Stories
Create Sprint
Set Sprint name
Set Start date
Set End date


frame
User Stories
View User Story Details
Sprints
Create User Story
Tasks
Set Title
Set Description
Set Acceptance Criteria
Set Points

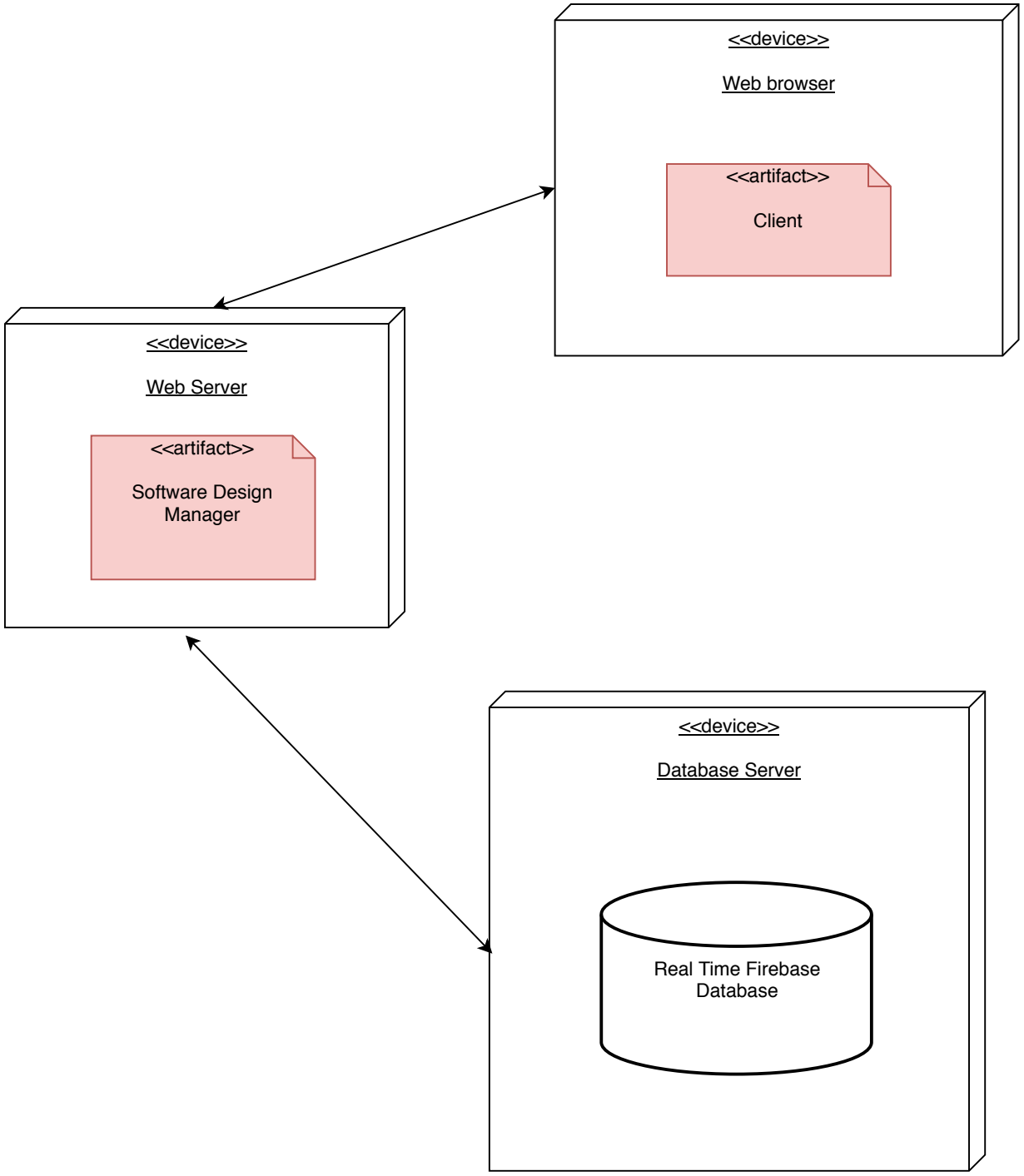
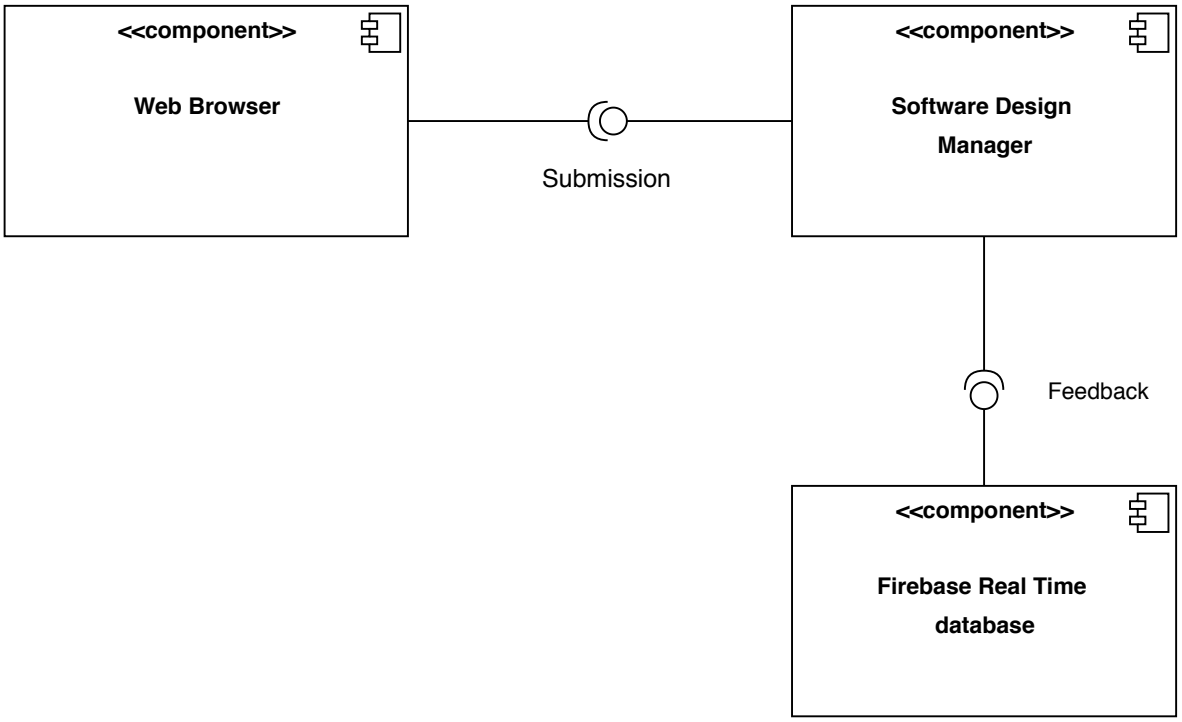

frame
Tasks
User Stories
View Tasks
Create Task
Set Description

Use-Case Diagram




Create Sprint
View Sprints
Create User story
View User stories
View Tasks
Create Task
View Help
Product owner
Developer

Physical View : Deployment Diagram



Development View : Component Diagram