**Specification Document**

**1. Use Case Diagrams**

**Diagram

Description automatically generatedDiagram

Description automatically generated  
  
2. State Diagram  
  
Diagram

Description automatically generated  
  
3. Use Cases**

**Presentation Development**

Subject: Prezoom

Requirement address: T1

Actors involved: Presentation developer

Precondition: The system will start a new system.

Typical flow : The system will prompts the user whether to start a presentation or edit it.

**Edit Presentation**

**Add objects**

Subject: Prezoom

Requirement address: T3

Actors involved: Editor

Precondition:. add objects,add attributes

Typical flow : Editor can add objects to the presentation.

**Add attributes**

Subject: Prezoom

Requirement address: T5

Actors involved: Editor

Precondition: add attributes

Typical flow : Editor add attributes to an object.Like color,size,They can change the diffrent color,size etc.

**Time Duration**

Subject: Prezoom

Requirement address: T13

Actors involved: Editor

Precondition: modify time duration

Typical flow : The Editor can set or change the time duration.

**Delete Option**

Subject: Prezoom

Requirement address: T10,T4

Actors involved: Editor

Precondition: Delete state,object

Typical flow : The Editor can Delete the state

**Modify Option**

Subject: Prezoom

Requirement address: T11

Actors involved: Editor

Precondition: Modify

Typical flow : The Editor can modify the state

**Add state**

Subject: Prezoom

Requirement address: T9

Actors involved: Editor

Precondition: Add state

Typical flow : The Editor can add the state

**Save Option**

Subject: Prezoom

Requirement address: T15

Actors involved: Editor

Precondition: Save

Typical flow : Edit the presentation can save the presention

**View Option**

Subject: Prezoom

Requirement address: T12

Actors involved: Editor

Precondition: View

Typical flow : Editor can Edit the presentation can view the presention

**Presentation Phase**

**Slide movement**

Subject: Prezoom

Requirement address: T16,T17,T18,T19

Actors involved: Presenter

Precondition: move First,Last,Backward,Forward

Typical flow : During presentation the présenter can move the presentation from last, first forward, backward using timeline.

**Auto presentation**

Subject: Prezoom

Requirement address:T20

Actors involved: Presenter

Precondition: auto presentation

Typical flow : The présenter can also enable auto presentation using the timeline.

**Transitions**

Subject: Prezoom

Requirement address:T20,T25

Actors involved: Presenter

Precondition: Transitions

Typical flow : The présenter can also do research on visualisation of sequence of states and transitions using the timeline.

**Camera movement**

Subject: Prezoom

Requirement address:T22

Actors involved: Presenter

Precondition: camera moves left or right.

Typical flow : The présenter can move the camera to the left or the right.

**Portion**

Subject: Prezoom

Requirement address:T23

Actors involved: Presenter

Precondition: Portion or divide

Typical flow : The présenter can portion the background sheet.

**Orientation**

Subject: Prezoom

Requirement address:T24

Actors involved: Presenter

Precondition: Change Orientation

Typical flow :The présenter can modify the orientation,vertical or horizontal, of the camera.

**Modification of interpolation**

Subject: Prezoom

Requirement address:T26

Actors involved: Presenter

Precondition: modify the interpolation

Typical flow :The présenter can Load the presentation,modify the interpolation. **4. User Stories**Subject : Prezoom Project

Actors Involve : The User and The System

Requirements Addressed : R0, R1

Precondition : The system has not started yet.

Typical flow :

* T0 : The user requests the system to start the prezoom project by clicking the system’s start menu.
* T1 : The system will start a new system.
* T2 : The system will prompts the user whether to start a presentation or edit it.

Edit Presentation :

* T3 : Edit the presentation can add objects.
* T4 : Edit the presentation can delete the added object.
* T5 : Edit the presentation can add attributes to an object.
* T6 : Edit the presentation can delete an attribute from an object.
* T7 : Edit the presentation can add interpolation to an object.
* T8 : Edit the presentation can modify an attribute.
* T9 : Edit the presentation can add state.
* T10 : Edit the presentation can delete state.
* T11 : Edit the presentation can modify state.
* T12 : Edit the presentation can view state.
* T13 : Edit the presentation can change the duration.
* T14 : Edit the presentation can change the mode to edit presentation.
* T15 : Edit the presentation can save the presention

If the user wants to present the presentation, the user will select start to present the presentation.

* T16 : Load presentation can move back using the timeline.
* T17 : Load presentation can move forward using the timeline.
* T18 : Load presentation can move to the first slide using the timeline.
* T19 : Load presentation can move to the last slide using the timeline.
* T20 : Load presentation can enable auto presentation using the timeline.
* T21 : Load presentation can research on visualisation of sequence of states and transitions using the timeline.
* T22 : Load presentation can move the camera to the left or the right.
* T23 : Load presentation can portion the background sheet.
* T24 : Load presentation can modify the orientation,vertical or horizontal, of the camera.
* T25 : Load presentation can change the transition.
* T26 : Load presentation,modify the interpolation.

**5. Wireframe Diagrams  
  
A picture containing chart

Description automatically generatedGraphical user interface

Description automatically generatedDiagram

Description automatically generatedGraphical user interface, application

Description automatically generatedA picture containing graphical user interface

Description automatically generatedGraphical user interface, application

Description automatically generatedDiagram

Description automatically generatedDiagram

Description automatically generatedChart, radar chart

Description automatically generated  
  
6. Sequence Diagrams  
  
Table

Description automatically generatedTable

Description automatically generatedDiagram

Description automatically generated**