**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**

**Start**

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 or open a presentation or edit it.

**Create or Open**

Subject: Prezoom

Requirement address: T2

Actors involved: Presentation developer

Precondition: The system will ask to create new presentation.

Typical flow : The system will allow the user to create new presentation with the new slide or the user can open or start doing the presentation with the existing file.

**Edit Presentation**

**Colour**

Subject: Prezoom

Requirement address: T5

Actors involved: Editor

Precondition:. Change colour,Apply color,Remove color

Typical flow : Editor can change the colour like red,blue etc and they can apply color to different shapes ,text or slide etc., from drop down menu.

**Fill colour**

Subject: Prezoom

Requirement address: T5

Actors involved: Editor

Precondition:. Change colour,Apply color,Remove color

Typical flow : Editor can apply Fill color option to the particular shape or particular slide etc., from drop down menu.

**Font style**

Subject: Prezoom

Requirement address: T3

Actors involved: Editor

Precondition:. Change font style

Typical flow : Editor can change font style lie Times new roman,calibri,Abai,Arial etc.In each an every slide from drop down menu.

**Font size**

Subject: Prezoom

Requirement address: T3

Actors involved: Editor

Precondition: modify time duration

Typical flow : The Editor can change the size of the text like 12,16,18 etc., from drop down menu.

**Shapes**

Subject: Prezoom

Requirement address: T9,T10

Actors involved: Editor

Precondition: change or Add shapes

Typical flow : The Editor can change ,draw or add the shapes like circle,rectangle,line,oval etc to the slide.

**Model view controller**

Subject: Prezoom

Actors involved: Editor

Precondition: Model ,view ,controller

Typical flow :

Model - Model code typically reflects real-world things. This code can hold raw data, or it will define the essential components of the presentation software. For instance, if you were building a To-do app, the model code would define what a “task” is and what a “list” is – since those are the main components of a prezoom software.

View- View code is set of all the functions that directly interact with the user. This is the code that makes your software appear nice and decent.

Controller - Controller code acts as a binding between the Model and the View, it receiving user input and deciding what to do with it. It’s the brains of the application, and ties together the model and the view.

**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

**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 : The user can edit and save the presentation .

**View Option**

Subject: Prezoom

Requirement address: T12

Actors involved: Editor

Precondition: View

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

**Exit Option**

Subject: Prezoom

Requirement address: T6

Actors involved: Editor

Precondition: Exit

Typical flow : Editor can Exit the presentation after they finished the presentation.

**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 : T0, T1

Precondition : The system has not started yet.

User Stories (Done) :

* 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 ask the user wheather to open a presentation or create a new presentation.
* T3 : The user can open a presentation.
* T4 : Edit the presentation can choose Text Font from the text drop down menu.
* T5 : Edit the presentation can change the text size.
* T6 : Edit the presentation can add and modify color.
* T7 : Edit the presentation can save the presention.
* T8 : The user can request the system to exit the prezoom project by clicking the system’s exit button.

Started :

* T9 : Edit the presentation can add objects.
* T10 : Edit the presentation can delete the added object.
* T11 : Edit the presentation can add attributes to an object.
* T12 : Edit the presentation can delete an attribute from an object.
* T13 : Edit the presentation can add interpolation to an object.
* T14 : Edit the presentation can modify an attribute.
* T15 : Edit the presentation can add state.
* T16 : Edit the presentation can delete state.
* T17 : Edit the presentation can modify state.
* T18 : Edit the presentation can view state.
* T19 : Edit the presentation can change the duration.
* T20 : Edit the presentation can change the mode to edit presentation.

Not Started :

* T21 : Load presentation can move back using the timeline.
* T22 : Load presentation can move forward using the timeline.
* T23 : Load presentation can move to the first slide using the timeline.
* T24 : Load presentation can move to the last slide using the timeline.
* T25 : Load presentation can enable auto presentation using the timeline.
* T26 : Load presentation can research on visualisation of sequence of states and transitions using the timeline.
* T27 : Load presentation can move the camera to the left or the right.
* T28 : Load presentation can portion the background sheet.
* T29 : Load presentation can modify the orientation,vertical or horizontal, of the camera.
* T30 : Load presentation can change the transition.
* T31 : 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**