

SEAT BELT

Problem statement

In the present feature user dose not have seat belt related information while selecting the belt type , and also while picking up the belt points.

Discover - Why the information needed

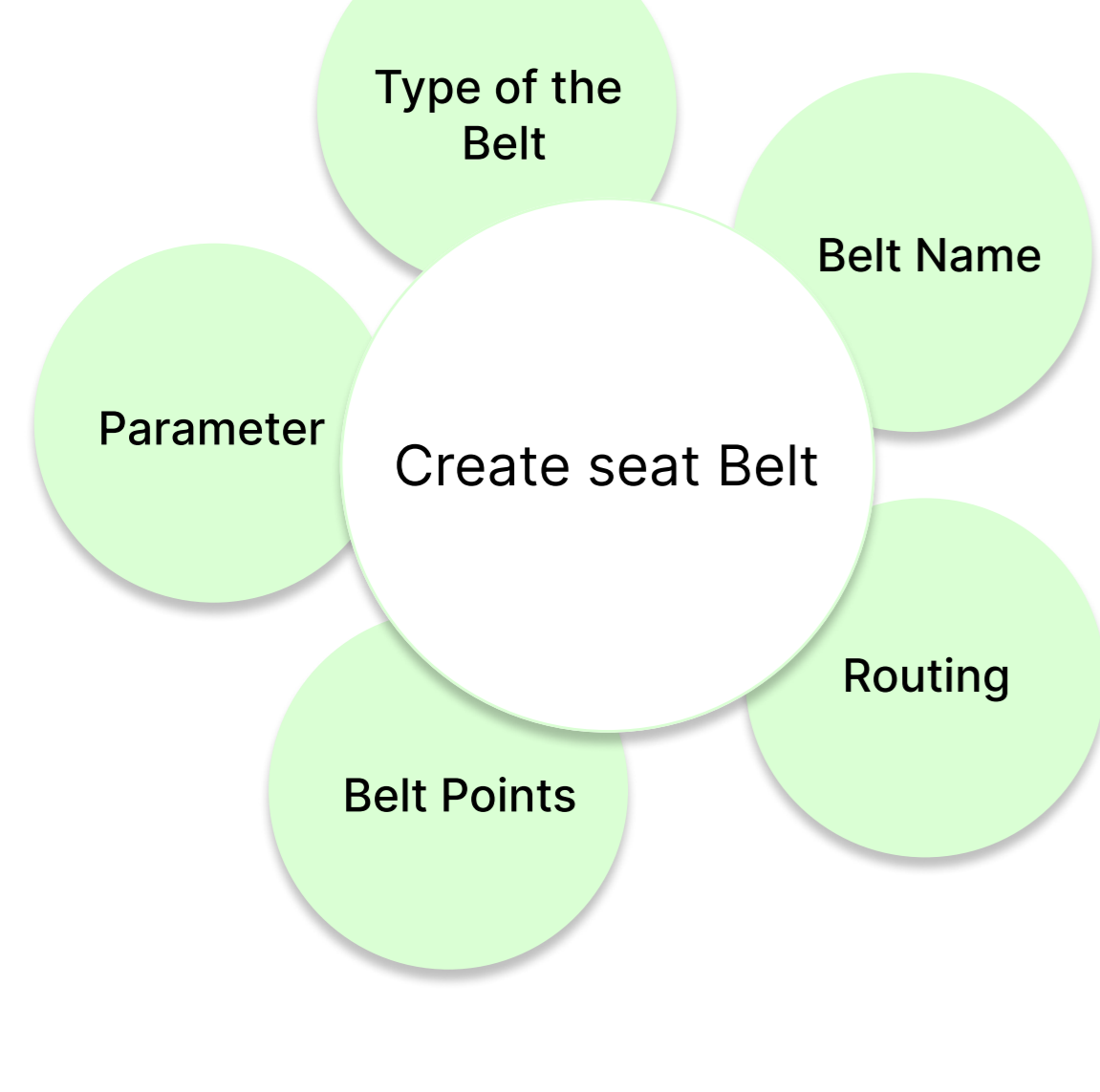
Seat elt is a feature which allows user to define and create a simulation for seatbelt function for car manufacturing companies, this feature is not used by the users on the daily basis or even often , this feature used by users very rarely like once in a six month or once in a year When user reopen user may feel difficulties to recall all the seatbelt related information at this point of time graphical representation would help user to ease their task, and it is must needed information for the new users as well.

Vision statement

Should provide info graphics or images of belt related components while persorming the task, image shold contain graphical representation of the belt components along with the information tag.

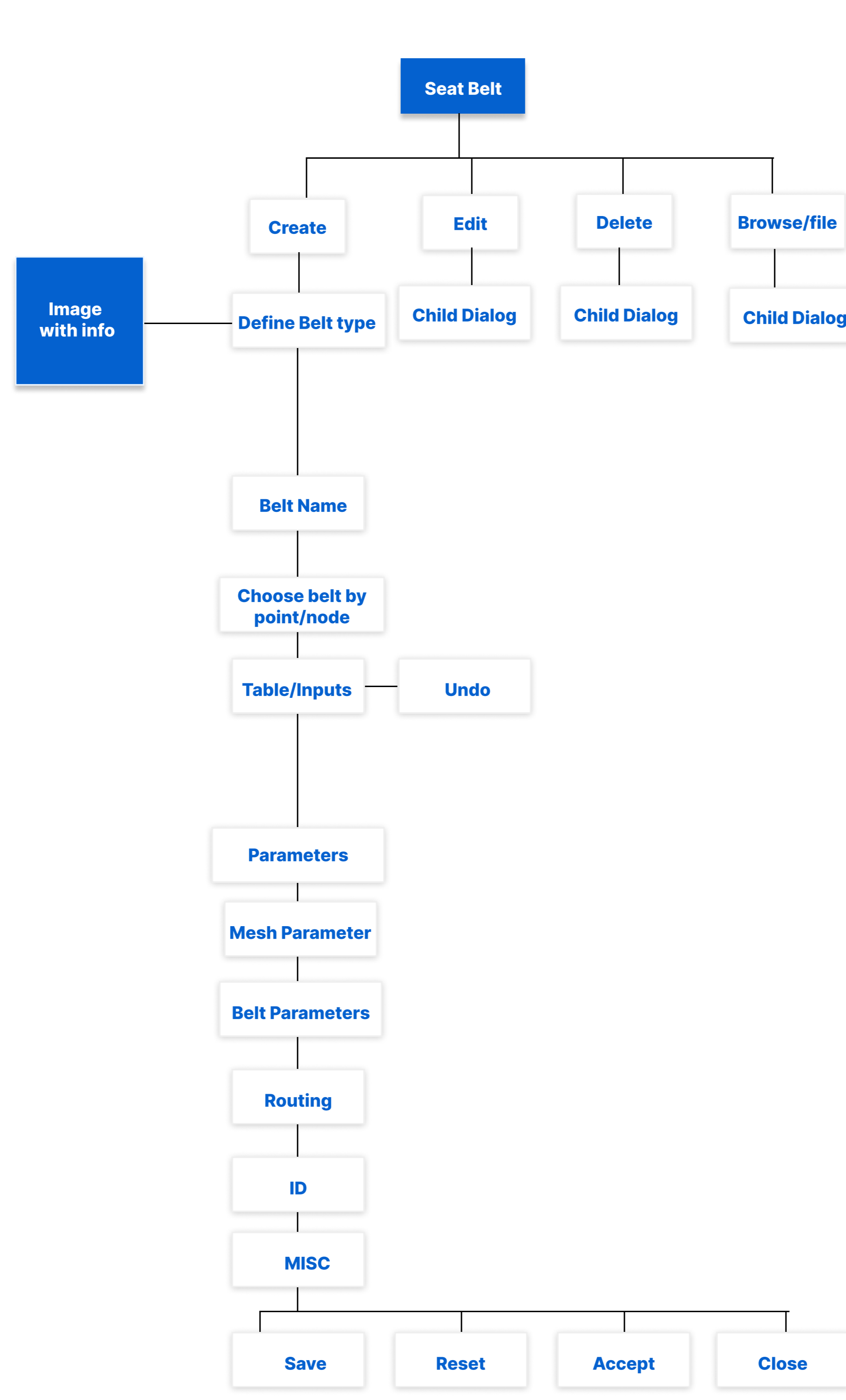
Detail Problem statement

There are around 4 different belt types When user has to select the belt type, user do not have any references related to belt type, This would be struggle for the fresh user of this seat belt feature, and user also has to make sure that they are selecting the right type of the belt to perform any task further, and its difficult make user to understand using words .

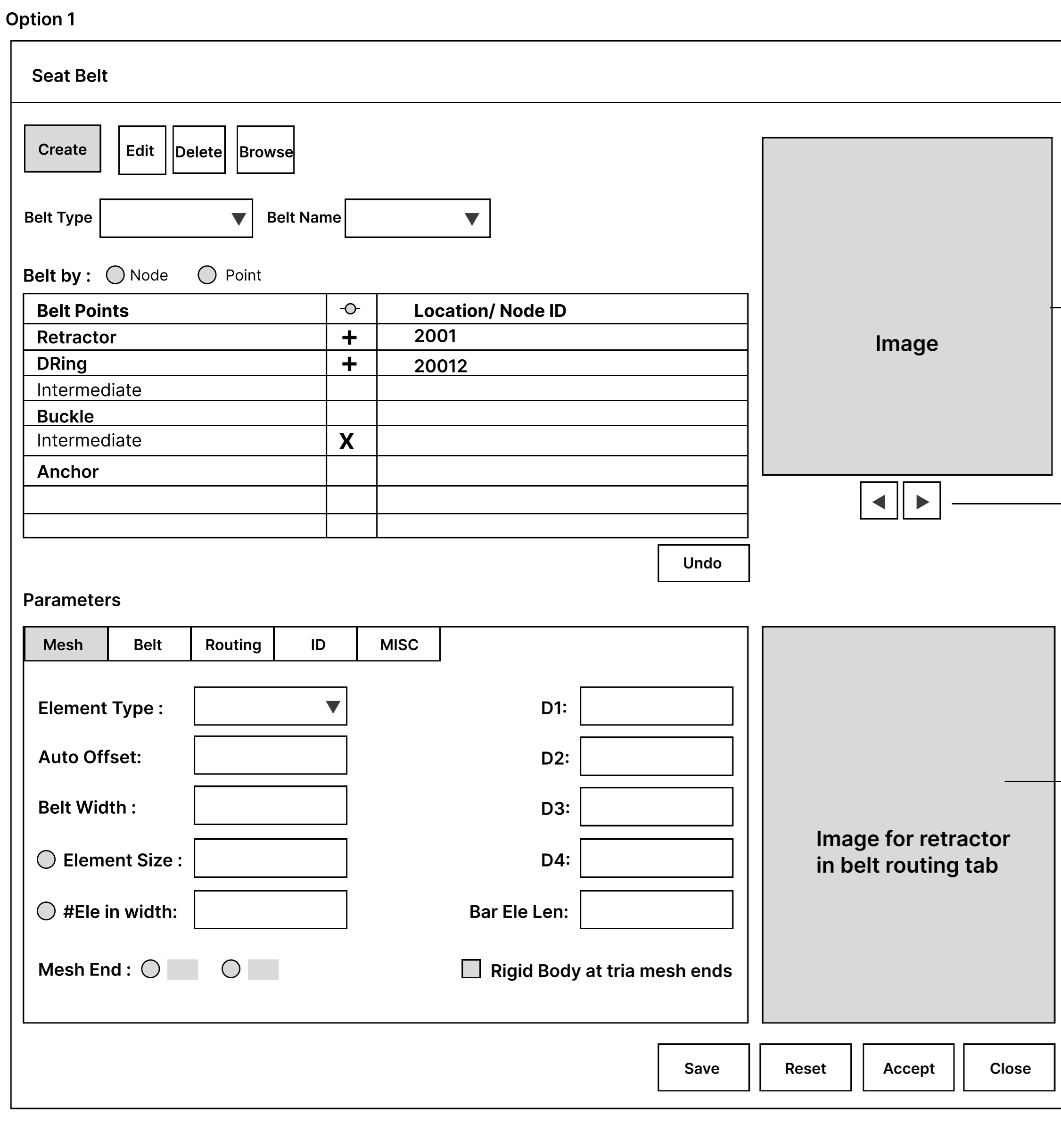


Steps Create Modify Delete Browse Define belt type Define belt Name Choose belt point or node Inputs in the table Undo Parameters Meshparameters Belt Parameters Belt Routing ID MISC Save Reset Accept Close	User Goal <ul style="list-style-type: none"> Create a seat belt Modify the seat belt Delete the existing seat belt 	Pain point <ul style="list-style-type: none"> Struggling to use No information on the belt points 	User Want <ul style="list-style-type: none"> Information on selecting belt type by having visual reference Information while picking up the belt point by having usual reference Information on Retractor option with visual reference Interaction should be smooth 	User Need <ul style="list-style-type: none"> Visual representation (Image/ Info graphic) with the information Information while picking up the belt point (Image/ Info graphic) Information on Retractor option (Image/ Info graphic) Guided informations with interactions
Ideation Show a visual representaion of information , images while selecting the belt type, and belt points and it should be always visible to user for reference				
Where it required ? Belt type and Retractor				

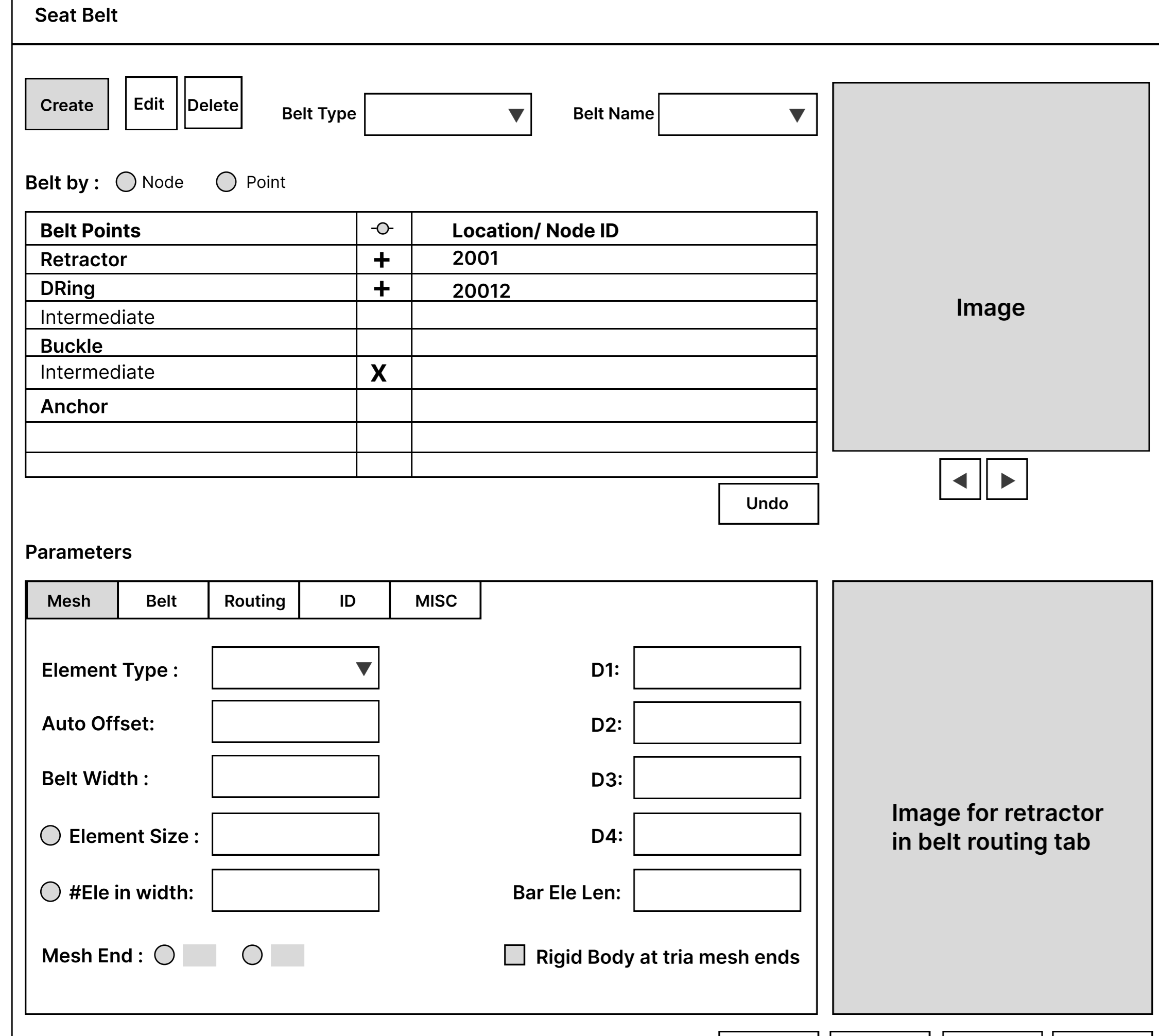
Overview of Information Architecture



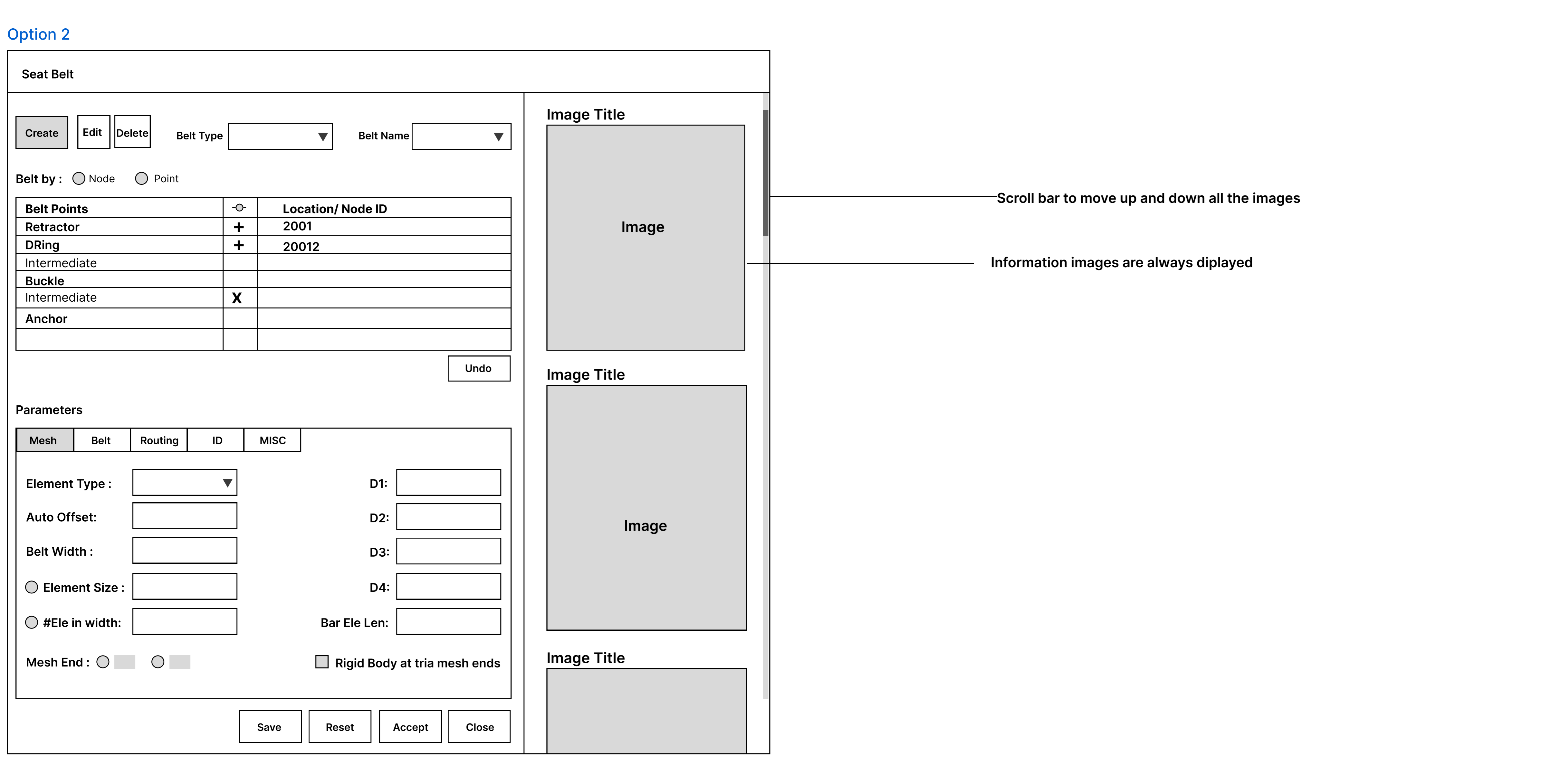
Wireframe/ Iterations



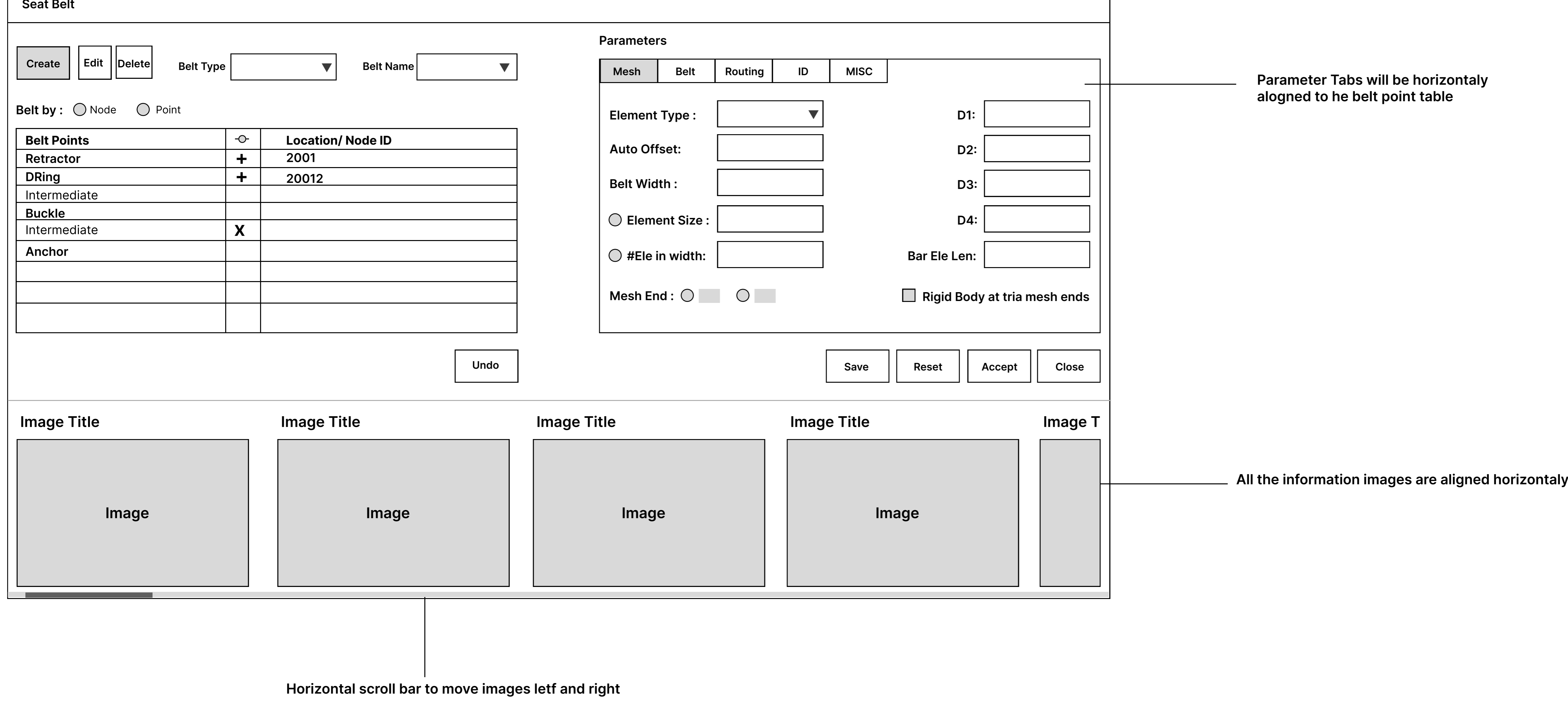
Option 1_A_With no Browse button



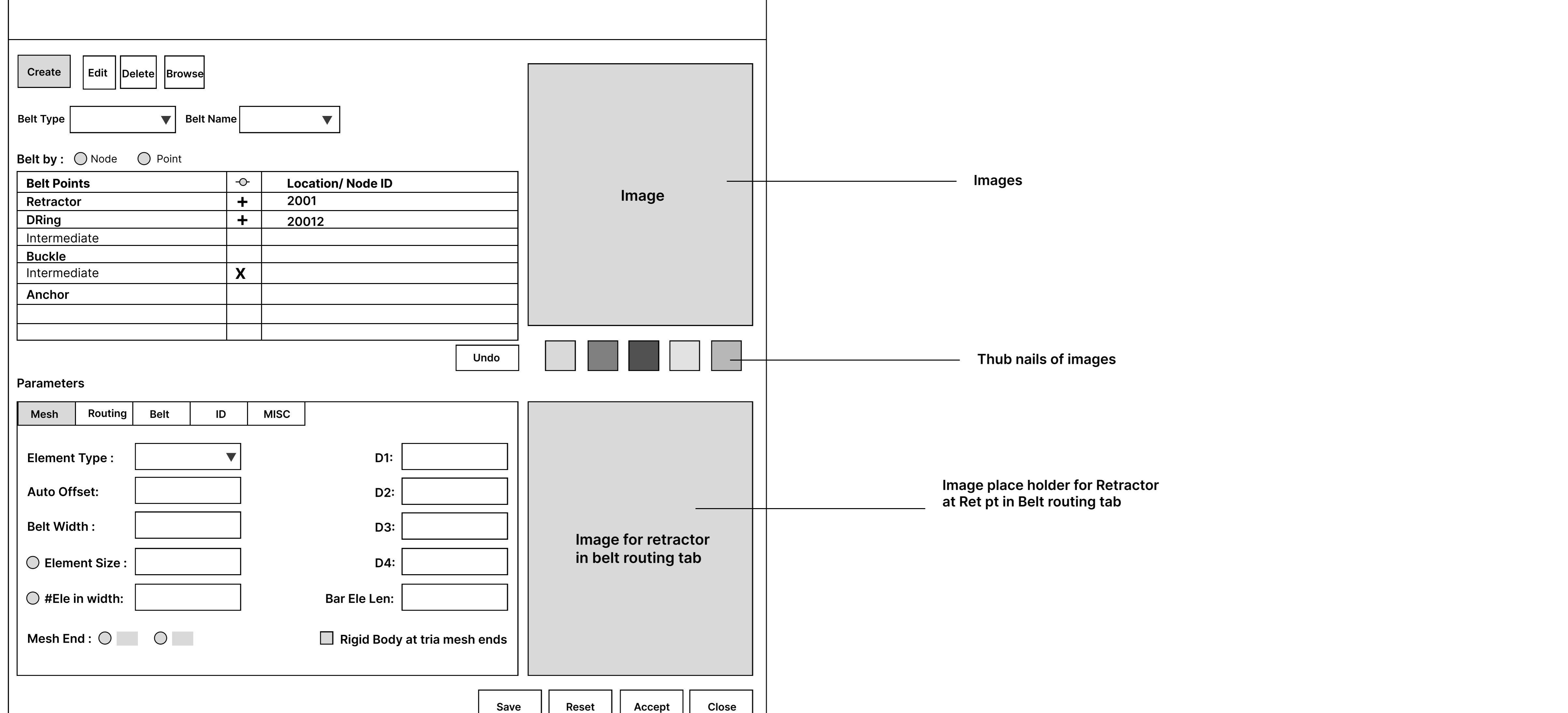
Option 2



Option 3



Option 4



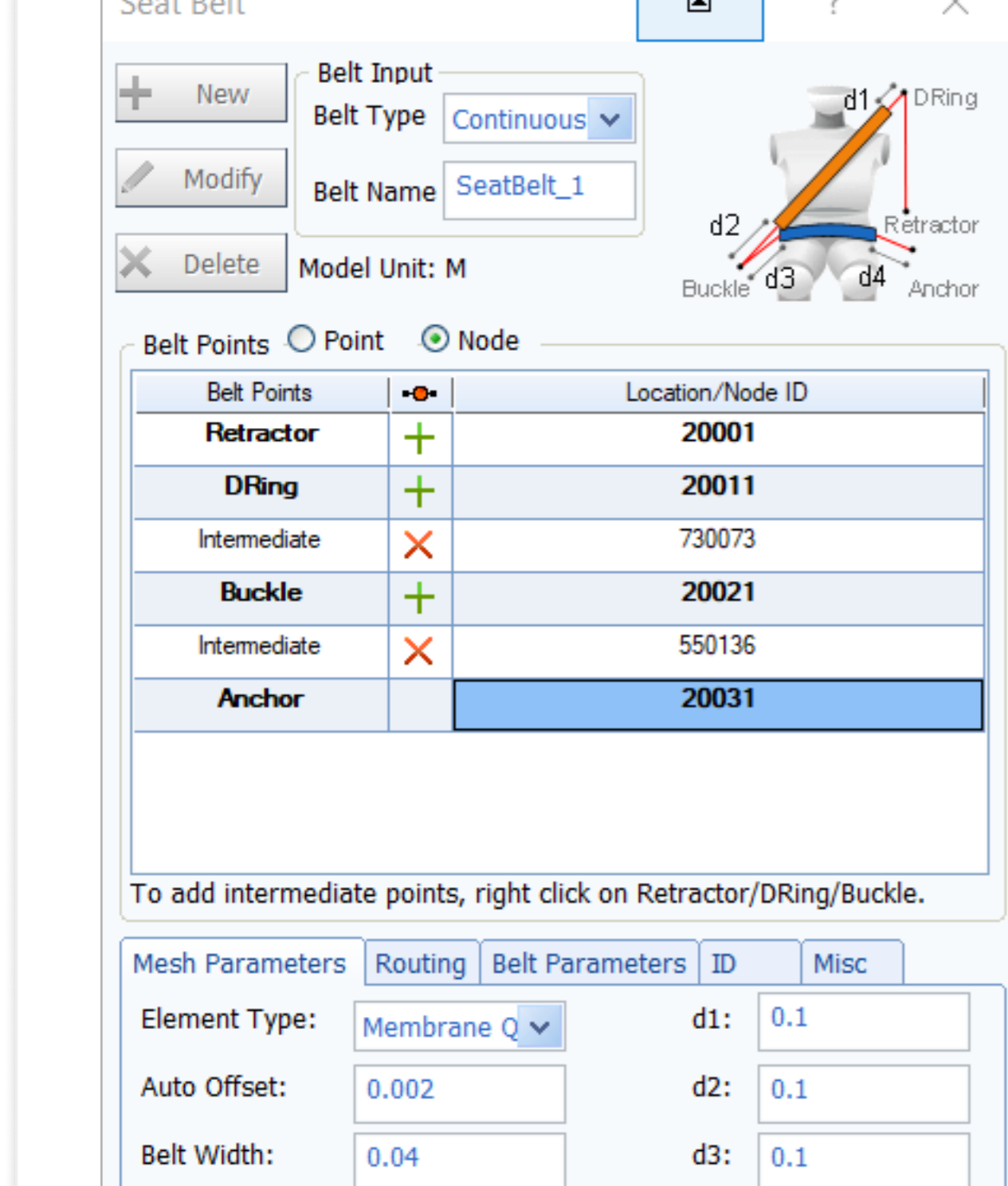
Approach

Since UX team does not have end user access , came up with multiple solutions and present it to the stake holders and discuss on the pros and cons of the each solution (Wireframes) Based on the collective feedback decision has taken.

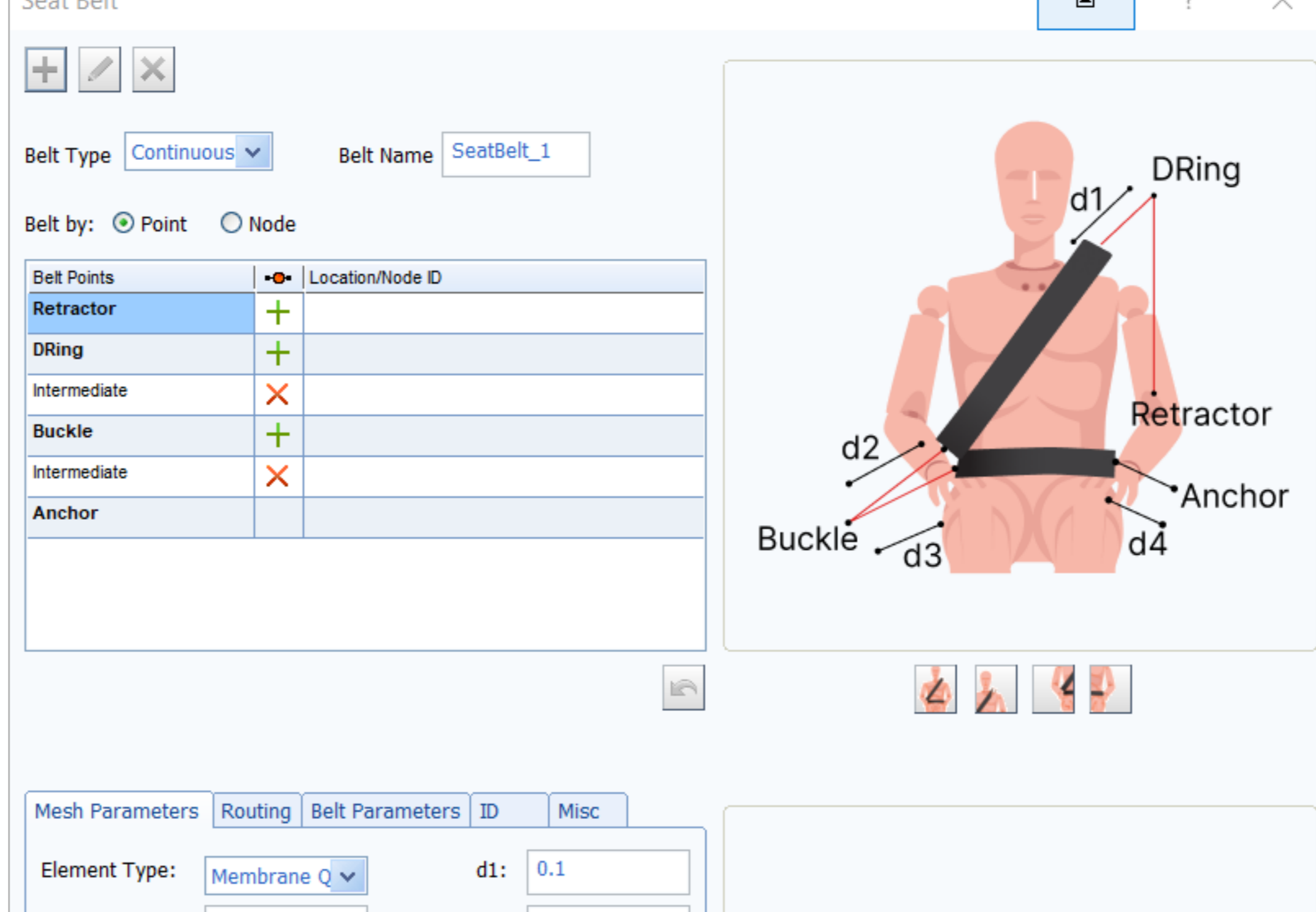
Decision

After having discussion with team decided to go with option4 considering many aspects which is including technical limitations and availability.

In Existing version



New implementation



Thank you !