

Architectural Website Thesis - The Timeline

General Additions

First Iteration -

Work to figure out various technical aspects of the Design from Scratch portion of the home design program such as developing a grid system, constructing exterior and interior walls, assigning specific rooms, zooming in and out, and adding more than one floor.

- Floor additions must make sense
- Jump to any step previously done
- Ceiling height
- Windows
- Doors
- Better visuals
- Calculates square footage and price
- Draw outside walls
- Draw inside walls
- Add label to each room
- Room editor (rotate, resize (drag and input box), lock, clone, delete, move)
- New types of styles for Modify section
- Grid system
- Zoom feature for individual room setup
- Ability to put in basic furniture for room size comparison
- Bigger overall size
- Roof styles
- Curved walls*
- Explanation of different styles
- Tips for building and designing
- Fireplace
- Breakfast Nook
- Limit the options better

September

13 18 20 25

Thesis pitches, planning, scheduling, and confirmation phase.

Sept. 13 - Sept. 25

October

27 2 4 9 11 16 18 23

Set up a grid system that knows where the mouse is at all times, as well as knows where you put each wall, outside and inside, converts the pixel measurements to square footage and dynamically displays the square footage as text fields in the appropriate places.

Sept. 26 - Oct. 9

Once the grid system works and you've put down various outside and inside walls with their correct measurements, make a system so that the users can name various rooms and label them as certain types to be edited later more thoroughly. Also include a way to define the ceiling heights of each room.

Oct. 10 - Oct. 23

November

25 30 1 6 8 13 15 20

Once the rooms have been named and labeled, make a system so that the users can zoom in on each individual room for thorough and specific design of said room.

Oct. 24 - Nov. 6

Add functionality to add and delete more floors. Make it in a way that it lines up perfectly with the lower floors so as not to make a faulty design. Stairs must line up and rooms above must have proper support from below.

Nov. 7 - Nov. 20