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## Personas

### **Student:**

When utilizing the website a student needs to be able to find their coursework and materials easily. Having to navigate through multiple menus can prove to be confusing and may cause them to miss important assignments or information. Students will be able to have limited capabilities on the site and essentially will equate to observers, being able to view the coursework displayed by TAs and Professors as well as participate in a general class discussion. They will also have folders they can submit assignments to for an easy singular location for their work. Students will be able to drag and drop options they want onto the corkboard to prioritize areas that are important to them. They can also divide different boards into other topics to keep things organized. Colors can also be customized to give students the ability to focus on certain assignments over others according to due date. The priority is to make things customizable and easy to find.

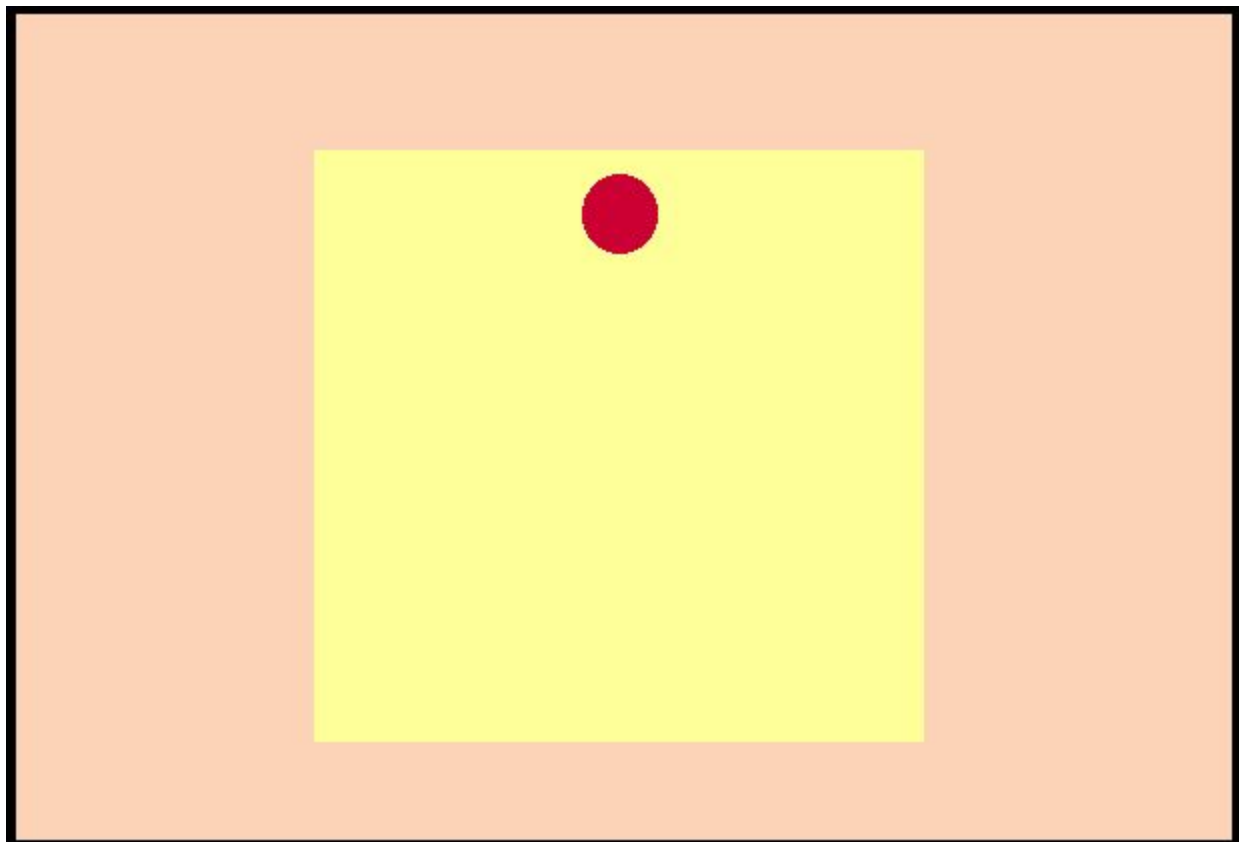
### **TAs:**

TAs while not at professor level are still above students in the things they can do. They should be able to have student view but not the complete arsenal of tools that professors have. The hierarchy of the site should equate to students being users, TAs being moderators while Professors are like admins for their respective sites. TAs will be able to access and edit grades in the gradebook as well as within the assignments to reflect returned and graded work. TAs can also be students and may have additional customization options to add specific notes to their boards. If they are a TA for a class they can have it on a specific board for their ease of access while having their own coursework on another.

**Professor:**

Professors should have the highest level of access for their respective classes with the ability to add and remove work as need be. They need to be able to easily upload material to their class pages as well as reupload completed works. Having submissions display on the site as well would help professors not need to download material and keep things condensed in one area. The items they upload will be put into the dropbox area for the class where students will be able to drag and drop items easily to their boards. Professors will have access to their classes' chat room where they can answer questions from the current week as well as the drop box for their class. They can create folders and select students which can access them to easily distribute assignments and files. They can also set closing dates for folders where after a certain amount of time students can no longer post or submit to these folders so assignments are submitted on time.

### Design Document

**Logo:**

## Color Schemes:

A cross section of the color palette can be accessed here:

<https://color.adobe.com/create/color-wheel/?base=2&rule=Compound&selected=2&name=My%20Color%20Theme&mode=rgb&rgbvalues=0.2946353972996232,0.3690715845232379,0.7903537726115879,0.37502435700221776,0.38584092403707304,0.44705882352941173,0.4682286263759384,0.8214327157753283,0.9903537726115879,0.9915595510351394,0.8274336713167518,0.7166885932222037,0.7903537726115879,0.4220672907013083,0.2946353972996232&swatchOrder=0,1,2,3,4>

Here is a set of colors to use for different aspects of Billboard:

### BILLBOARD COLOR

HEX: #FDD3B7

RGB: (253, 211, 183)

CMYK: (0, 17, 28, 1)

### SHADOWS

HEX: #CA6C4B

RGB: (202, 108, 75)

CMYK: (0, 47, 63, 21)

### MENU BACKGROUND

HEX: #606272

RGB: (96, 98, 114)

CMYK: (16, 14, 0, 55)

### BUTTONS

HEX: #77D1FD

RGB: (119, 209, 253)

CMYK: (53, 17, 0, 1)

### POST ITS

HEX: #FFFF99

RGB: (255, 255, 153)

CMYK: (0, 0, 40, 0)

### FONT

HEX CODE: #000000;

RGB: (0, 0, 0)

CMYK: (0, 0, 0, 0)

### **Typeface:**

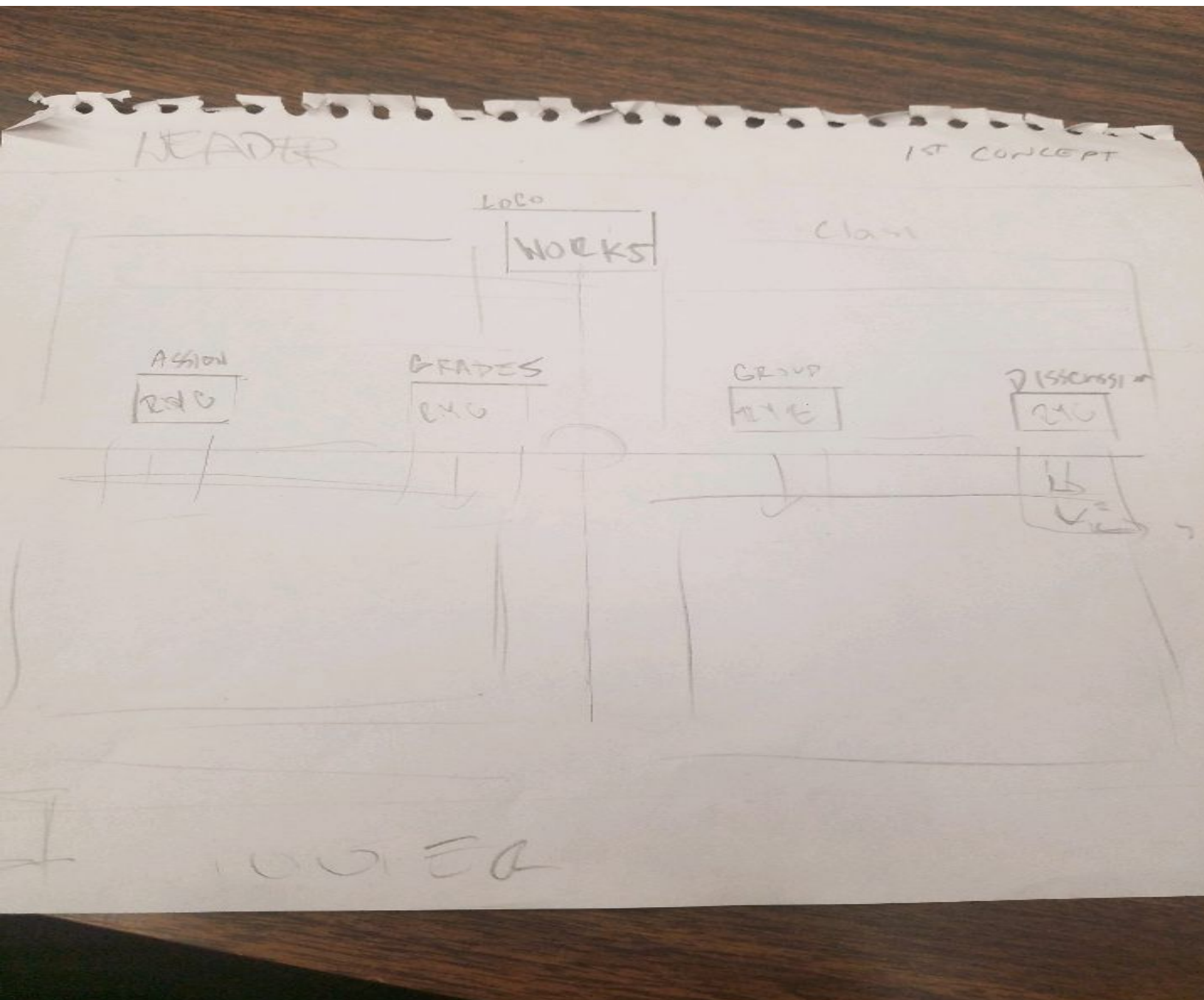
Header: Questrial 25px

Paragraphs: Helvetica, 14 point font

### **Anatomy:**

Anatomy will be based on a tack board with draggable customization. A menu will pop out from the side where you can drag and drop icons for classes and assignments to customize windows how you want them. The post its can also be color coded according to how urgent the assignments are as well as when they are due. The home icon will be at the top left with the board icon/logo as well as the account option. If you pull a board it will enlarge and single it out and there will be a slider at the bottom to maximize the screen and enlarge the text.

## First Concept Sketch



## Advanced Wireframe Sketch

## Block Diagram

