



Burning Bear™

User Interface

Introduction of a Automated Platform

Currently, the prescribed burn control training program has two options:

- Downloadable pdfs which can be printed and filled out manually
- Fillable pdfs if the computer station as software to make the pdf editable, such as Adobe Acrobat DC

The Burning Bear platform introduces a live input program which will store and aggregate input from its trainee. Much like Google's Cloud docs, a trainee's work is saved and recorded in real time.

All required forms have been formatted within the Burning Bear program.

Masthead



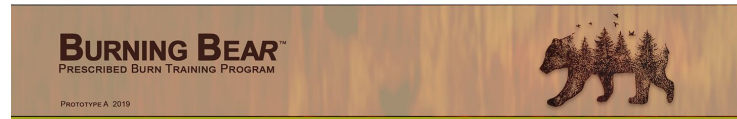
The Masthead of the Burning Bear Software hosts the Burning Bear Prescribed Burn Program logo. Black bears are an enduring symbol of North America's wild forests as well as California's mascot. Inspired by a wood burn stamp, its stature represents strength, courage, protection.

The font is Arial Bold with an italicized 'R' in Bear. The Logo type is meant to be basic but strong and stable in appearance.

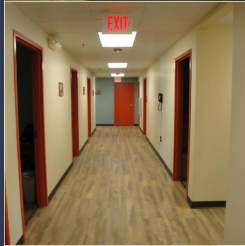
The description "Prescribed Burn Training Program" is all Arial caps.

The background of the masthead conveys fire activity and subdued with a 75% screen of #d9be97.

The size is 1440 x 230. This prototype is fitted for an MacBook 1152 x 700 pixels



Color Palette



The International Association of Color Consultants teaches that extreme contrasts of light and dark (such as white and red) must be regulated to avoid constant adjustment of the iris muscles which is cause for undue stress. Applying colors with lower light reflectance, plus balancing the bright red with softer cool tones, would alleviate eye strain and create a more harmonious space for spending several hours at a time.

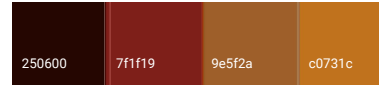
Color harmony is imperative for minimizing stress. Color combinations are harmonious (or orderly) not because of personal preference, but because of the position of each individual color with regard to other hues in a scientific color system.



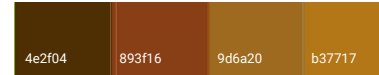
Body Palette

The palette was to be of analogous hues representing active earth tones. Initially, a set of saturated hues were chosen but the values between the hues were too much in contrast. The second neutral palette was chosen.

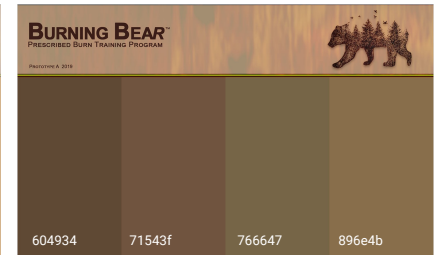
Palette 1



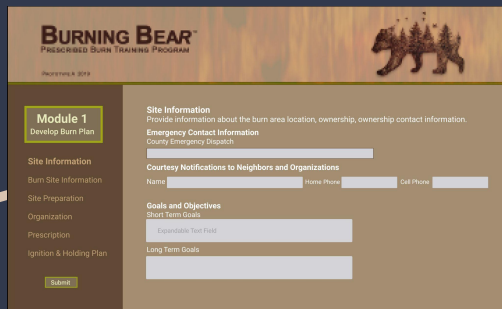
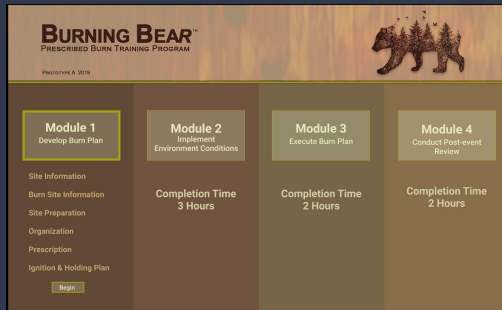
Palette 2



The placement of the hues were according to their hue values from dark to light. This to clarify these are different modules and are sequential.



Interface Format



The desktop module presents as a series of live forms with text fields. There are 4 modules representing the 4 major tasks that must be completed sequentially. Each module lists the major tasks' subtasks.

The time to complete each module is displayed as well as the participant's progress. If the participant makes an error such as failing to complete a section or inputting incorrect data, an error message will flash.

The virtual reality simulation takes place in the third module. It includes a instructional video and a proctor is available to assist in this module.

