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**Color by Number**

Color by Number is a well-known game that has been entertaining people for decades. However, with everybody in today’s society owning a mobile device, why not create a mobile game application where they can color a picture on the go. This app will allow user to play Color by Number in a convenient way rather than carrying around books and coloring markings. Color by Number will need internet access in order to operate, in order to connect to social networking sites to post your artwork and play the advertisements. The intended user will be any audience that is interesting in coloring pictures, from the ages of 2-100, that typically own a mobile device that connects to the internet and the Play Stores. This app will feature pictures from a group of local artist that will draw pictures for the game.

Color by Number will be broken down by level of difficulty. The first stage of the game will be for beginners such as young children. For the children the picture will be simple artwork, allowing them to learn their number and colors. Another feature of the game will help with kids that suffer from ADHD or autism. It will help the children calm down and lets them to focus on coloring a picture of their favorite characters. The second stage will be for teen, the pictures in this stage will have more intricate designs. Finally, the last stage will be for experts, this will allow the user to make their own color by number. This feature will use the same pictures however the user can input their own numbers from the numbered color scale, this will give the user the chance to use their creativity and make the artwork their own.

The game will begin with a loading screen that will display buttons for starting a new game, connecting to social networks to share your artwork, sound off\on and contact us, will allow the users of the app to contact use and submit some of their artwork into the app. Once the user selects the start button a hover menu will appear and prompts the user on what stage they would like to play, once selected it will be direct to the stage. From that point the user is able to choose a picture and start coloring. Another feature of the app will be able to connect wireless to printers and the parent or the user can print the artwork.

The first stage of the project will be will be ready for the testing in mid-December. Color by Number is still in the beginning stage of developing. Due to funding of the project and time constraints, it will be broken down into stages. Stage one will be that stage that will be given the most time and effort, the other stage will be developed in time.