

Let's Get Popping!

Page Overview

- Let's get popping! is a game that targets teenagers between 14 and 18 years old
- The game occurs on a glass of bubble tea, and the user has X seconds during a round to gather a score
- The website will be focused on the game but also allows you to see your score and to customize the tea screen where the user is playing

User Interaction

- User will start on the main page / Login page
 - If the user already has an account, he will continue to the login page
 - If the user does not have an account will go directly to the Registration page
- Once in the game, the user will start playing, and in the top menu, will have the options to review the score and to customize the tea
- Customize the tea allows the opportunity to customize the color of the tea with different flavors (colors); once the user is comfortable with the tea selection, the user can select 'save' and will be redirected to the game page with its selection
- The score page allows the user to see his position on his score and vs. others
- Once the user is ready to leave the game, the user can click on Log-out that will close the session and go back to the login page

Semantic Design

- The site is divided into one main page focused on the game page
- The top menu displays the options to view your score, customize your tea or to exit
- The focus of the game is the cup and the bubbles
- The tone of the page is set to be relaxed and funny



- The game site will use a soft color palette aligned to the logo and focused mainly on the following tones:
 - Background: #F8F8F8
 - #DEB620
 - #D23B6866

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- #A3A6E866
 - Bisque
 - #fdeca6
- The font style Indie+Flower will provide a relaxed and funny theme
 - Main images to use around the game site:

LOGO image	
CUP image <ul style="list-style-type: none">- Cup is clear and the tea color changes depending on user customization on 'Customize your tea' page	
GAMING BUBBLES <ul style="list-style-type: none">- Game in general has 3 types of bubbles:- Red bubbles: are to reduce the score of the player when they click- Gold bubbles: to multiply the score of the player- Regular Bubbles: these bubbles are the color choice of the user on the 'Customize your tea section'	

Platform

- The website will target traditional monitor resolutions of 1024X768 and greater.
- The layout of the page is responsive so it can display on smartphones and tables

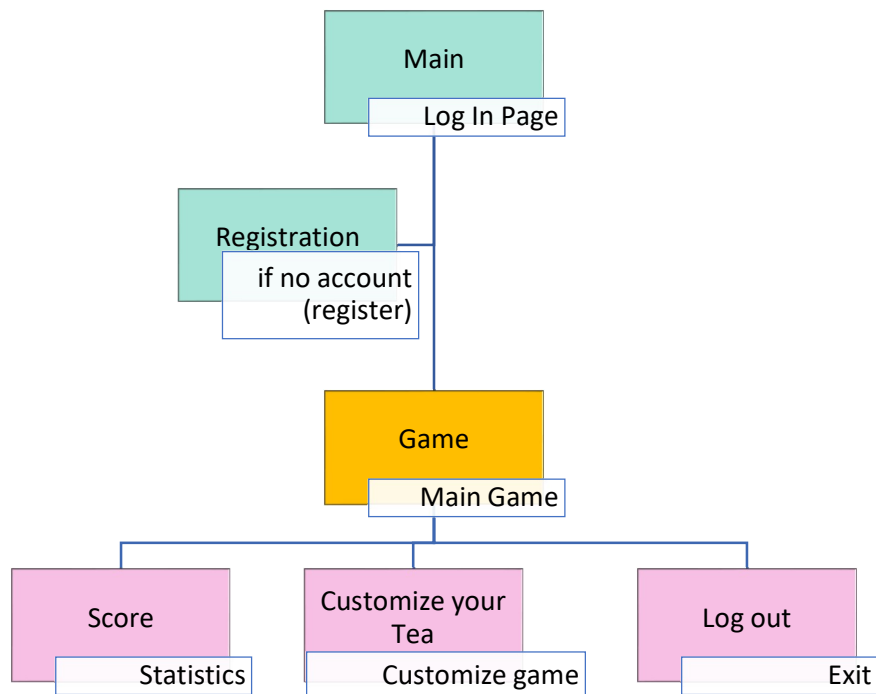
Game Rules

- The user has X seconds during a round to gather a score
- Each successful click on a Green bubble generates points and a streak
- Streak exponentially increases score per bubble
- Red bubbles Reset streak to 0

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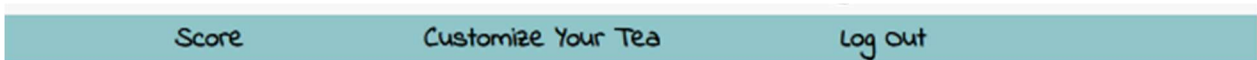
- Gold bubbles move erratically and are worth Y Green bubbles worth of points
- Colors are internal references only and do not reflect the final rendering

Game Rules



Web Style

- General Elements
 - Top Menu (.mainMenu)



- display: grid;
- grid-template-columns: auto auto auto auto ;
- justify-content: space-evenly;
- height: 60px;
- padding: 10px, 10px, 10px, 10px;
- margin: 15px 0px 5px 0px;
- font-family: 'Indie Flower', cursive;
- background-color: #90C5C9;
- font-size: 35px;
- text-align:center;
- align-content: center;

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- **Footer**
 - display: grid;
 - grid-template-columns: auto auto auto auto ;
 - justify-content: space-evenly;
 - height: 60px;
 - padding: 10px, 10px, 10px, 10px;
 - margin: 15px 0px 5px 0px;
 - font-family: 'Indie Flower', cursive;
 - background-color: #90C5C9;
 - font-size: 35px;
 - text-align:center;
 - align-content: center;

- **Main (log in / Registration)**



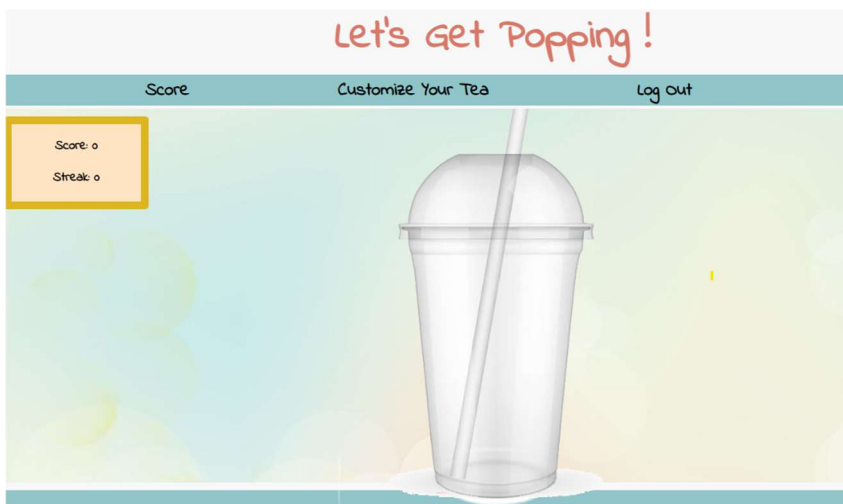
- **main**
 - display: flex;
 - flex-direction: row;
 - align-items: center;
- **mainImage (logo)**
 - width: 40vw;
 - margin-left: 10%;
- **form**
 - margin: 2.5% 0 5% 0
 - display: grid
 - grid-template-columns: 1fr 2fr 1fr
 - justify-items: center
 - font-weight: bold
- **form-line**
 - grid-column: 2 / 3

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- display: flex
- flex-direction: column
- **form-line label**
 - padding: 5px
 - font-size: 25px
- **form-line input**
 - padding: 7.5px
 - border: 1px solid #cdcdcd
 - border-radius: 5px
 - font-size: 25px
- **forgot-password**
 - grid-column: 2 / 3
- **forgot-password a**
 - color: inherit
 - font-size: 15px
- **login-btn**
 - width: 70%
 - margin: 25px 0
 - padding: 10px
 - grid-column: 2 / 3
 - background-color: #DEB620
 - border: 1px solid
 - border-radius: 7.5px
 - font-size: 25px
 - font-family: 'Indie Flower', cursive
 - font-size: larger
 - font-weight: bold
 - text-align: center
 - box-shadow: 0 5px gray
 - transform: translateY(4px)
- **login-btn:hover**
 - background-color: #DEB620
- **register-btn**
 - width: 70%
 - margin-top: 50px
 - padding: 10px
 - grid-column: 2 / 3

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- background-color: #DEB620
 - border-radius: 7.5px
 - font-size: 25px
 - text-align: center
 - font-family: 'Indie Flower', cursive
 - font-weight: bold
 - box-shadow: 0 5px gray
 - transform: translateY(4px)
- **register-btn: hover**
 - background-color: #DEB620
 - **Game Page**



- **decorative**
 - position: absolute;
 - bottom: -100%;
 - left: -25%;
 - width: 150%;
 - background-color: bisque;
 - z-index: 2;
 - transform: rotateX(3.142rad);
 - transform-origin: top;
- **#cup**
 - z-index: 1;
- **.bubble**

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- z-index: 4;
 - position: absolute;
 - bottom: 0px;
 - border-radius: 250px;
 - font-size: xx-large;
- **.bubbleSink**
 - z-index: 3 !important;
- **.pointGiver**
 - color: lightgray;
- **.streakBreaker**
 - color: red;
- **.golden**
 - color: gold;
 - /*background-color: khaki;*/
- **#BubbleContainer**
 - position: relative;
 - margin-top: 225px;
 - height: 500px;
 - width: 230px;
 - vertical-align: bottom;
 - background-color: transparent;
- **#score-miniBoard**
 - position: absolute;
 - width: 250px;
 - height: 150px;
 - background-color: bisque;
 - border: 15px solid #DEB620;
 - margin: 15px;
 - font-size: 25px;
 - font-weight: bold;
 - text-align: center;
 - z-index: 2;
 - border-radius: 3%;
- **.game**
 - display: flex;
 - justify-content: center;

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- background-image: url('images/game_background.jpg');
- .bg-cup
 - position: absolute;
 - height: auto;
 - width: 600px;
 - z-index: -10;
- .bg-cup-bottom
 - position: absolute;
 - top: 880px;
 - height: auto;
 - width: 600px;
 - z-index: 10;
- #bg-tea
 - margin-top: 250px;
 - border-top: 480px solid #B1CBA666;
 - border-left: 50px solid transparent;
 - border-right: 50px solid transparent;
 - height: 0;
 - width: 220px;
 - position: absolute;
 - z-index: 2;

○ Customize your tea



- .custOuter
 - display: flex;

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- **.custLeft**
 - width: 40%;
 - height: 600px;
 - display: flex;
 - justify-content: center;
 - align-items: flex-end;
- **#menuImage**
 - display: table-column;
 - position: absolute;
 - width: 30%;
 - margin: 38vh 5px 5px 5px;
 - justify-content: center;
- **.flavour-title**
 - color: #fdeca6;
 - text-align: center;
 - justify-content: center;
 - margin: 10px;
 - padding-bottom: 0%;
- **#customize-cup**
 - position: absolute;
 - top: 270px;
 - height: auto;
 - width: 350px;
 - z-index: -5;
- **#customize-cup-bottom**
 - position: absolute;
 - bottom: -8px;
 - height: auto;
 - width: 350px;
 - z-index: 5;

Tea Flavours for customization

- **.green-tea**
 - margin-bottom: 110px;
 - border-top: 270px solid #B1CBA666;
 - border-left: 25px solid transparent;
 - border-right: 25px solid transparent;
 - height: 0;
 - width: 130px;

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- .chai
 - border-top: 270px solid #B2833066;
- .coconut
 - border-top: 270px solid #E9EDF666;
- .taro
 - border-top: 270px solid #A3A6E866;
- .watermelon
 - border-top: 270px solid #D23B6866;
- .bubble
 - border: 1px solid;
 - width: 30%;
 - height: 300px;

○ Score page



- middle
 - display: flex;
 - flex-direction: column;
 - text-align: center;
- .personalContainer
 - width: 60%;
 - text-align: center;

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- **#personalContainer**
 - width: 60%
- **#highscoreContainer**
 - width: 60%;
- **.flexIMG**
 - display: flex;
- **.scoreImg**
 - width: 15%;
 - aspect-ratio: auto;
- **table td**
 - margin: 15px 0px 15px 0px;
 - font-size: 25px;
 - font-weight: bold;
 - justify-content: center;
 - border: 3px solid #F8F8F8;
 - background-color: #DEB620;
 - border-radius: 08px;
- **th**
 - background-color: #D97969;
 - font-size: 40px;
 - padding-left: 5vw;
 - padding-right: 5vw;
 - width: 60%;
 - border: 5px solid #F8F8F8;
 - border-radius: 10px;