High-level Task Outline

1. Create **two input boxes** that accepts text from User
   1. One box accept the player’s USERNAME
   2. The other box accepts the player’s CHAMPION NAME
2. **Store** that text **into two variables**
3. **Scrape https://na.op.gg/summoner/userName=[USERNAME]** for Summoner’s Overall Win Rate:
   1. **Update** player infomation
      1. document.querySelector("#SummonerRefreshButton")
   2. **Scrape for player’s Overall Win Rate**
      1. document.querySelector("#SummonerLayoutContent > div.tabItem.Content.SummonerLayoutContent.summonerLayout-summary > div.SideContent > div.TierBox.Box > div > div.TierRankInfo > div.TierInfo > span.WinLose > span.winratio")
      2. IF TierRank = “unranked”, set player’s Overall WR = 50
4. **Scrape https://na.op.gg/summoner/champions/userName=[USERNAME]** for Summoner’s Champion Win Rate & Games Played
   1. **Select “Soloqueue” Filter** for player’s stats
      1. document.querySelector("#SummonerLayoutContent > div.tabItem.Content.SummonerLayoutContent.summonerLayout-champions > div > div > div.Content.tabItems > div.tabItem.season-13 > div > div.stats-filter > div > div.tabHeader.active")
   2. **Find stats for CHAMPION NAME**
      1. **Navigate to top-played champion’s name.**
         1. document.querySelector("#SummonerLayoutContent > div.tabItem.Content.SummonerLayoutContent.summonerLayout-champions > div > div > div.Content.tabItems > div.tabItem.season-13 > div > div.tabItems > div.tabItem.season-13--soloranked > table > tbody > tr:nth-child(1) > td.ChampionName.Cell")
      2. **If** top-played **champion’s name != CHAMPION NAME**, repeat the same file path, **incrementing the red-highlighted number by 1**, and **check the next champion name**.
      3. **If** **file** **path points to null location** (i.e. you’ve run out of champion names to search), **set Champion WR = 50 & GP = 0**.
      4. Else **if the program finds a champion name that matches CHAMPION NAME, isolate champion’s stats**
         1. **Isolate player’s # of wins** on that champion
            1. document.querySelector("#SummonerLayoutContent > div.tabItem.Content.SummonerLayoutContent.summonerLayout-champions > div > div > div.Content.tabItems > div.tabItem.season-13 > div > div.tabItems > div.tabItem.season-13--soloranked > table > tbody > tr:nth-child(1) > td.RatioGraph.Cell > div > div > div.Text.Left")
         2. **Isolate player’s # of losses** on that champion
            1. document.querySelector("#SummonerLayoutContent > div.tabItem.Content.SummonerLayoutContent.summonerLayout-champions > div > div > div.Content.tabItems > div.tabItem.season-13 > div > div.tabItems > div.tabItem.season-13--soloranked > table > tbody > tr:nth-child(1) > td.RatioGraph.Cell > div > div > div.Text.Right")
         3. **Assign Games Played = # of wins + # of losses**
         4. **Assign Champion Win Rate = # of wins / Games Played**
5. **Perform Calculations** (I will take care of this part! :) )
6. **Output result from calculations to User’s screen**\*

\*Note: I have no idea how to output or what would be the most effective way to do so. Let’s worry about that when we get here.