

<b>Project Title:</b> Powerlifting Tool Webpage	
<b>Start Date:</b> 1/10/23	<b>End Date:</b> 5/1/23
<b>Team Members:</b> Jarred Hare	
<b>Project Sponsor:</b> None	
<b>Customer:</b> Myself	
<b>Users:</b> Myself	
<b>Purpose (Problem or opportunity addressed by the project):</b> Allow users to easily figure out how much weight they need on the barbell, their powerlifting scores, and graphs to show progress	
<b>Goals and Objectives:</b> <ol style="list-style-type: none"> <li>Provide a UI for the weight needed</li> <li>Dots, GLP, Wilks calculator</li> <li>Graphs showing progress</li> </ol>	
<b>Schedule Information (Major milestones and deliverables):</b> <ol style="list-style-type: none"> <li>UI for Weigth needed: 2/1</li> <li>Dots, GLP, Wilks calculator: 2/14</li> <li>Graphs showing progress: 3/14</li> </ol>	
<b>Financial Information (Cost estimate and budget information):</b> \$0 (Already have a server and domain)	
<b>Approach:</b> JavaScript	
<b>Constraints:</b> Time, Webpage only, Formulas needed for GLP murky.	
<b>Assumptions:</b> Provide users tools to help make powerlifting easier	
<b>Success Criteria:</b> <ul style="list-style-type: none"> <li>Provide the ability to find scores, track progress, and make loading weight easier.</li> <li>Finish project in the timeline</li> </ul>	
<b>Scope:</b> A webpage that allows a user to enter in a desired weight they need on the barbell. The webpage will then provide exactly which weights they will need on the barbell. The webpage will also prompt a user to enter in their body weight and total to find out their scores (dots, GLP, Wilks). A graphical interface will also be made to show a lifters progress.	

**Risks and obstacles to success:** The biggest obstacle to success is the timeline. Another obstacle to success is finding the right coefficients for the GLP formula.

**Project Priorities and degrees of freedom:** The priorities of the project are as follows: the functionalities of all features, The interface to be user friendly, and the assets to be HD.