

Team Roster:

Meshal Alhasani, Meshari Alfadl,
Paul Kelemen, Tobias Fork

PROJECT SCOPE:

- Global Formula Racing "GFR" is a collaborative effort between Oregon State University (OSU) and Hochschule Baden-Württemberg-Ravensburg (DHBW). Between the two of them they race cars designed, built, and tested completely by students within the club.
- Currently they store most of their information regarding these cars on a wiki that they've reached out to the capstone teams over. A request was filed for help in developing a more user-friendly organization for the wiki to help old and new members find what information they need.
- GFR has pointed to their previous wiki and google drive's organization method for inspiration, stating the organization present in them is ideal. Working closely with GFR leadership a new wiki format is being developed to assist with information accessibility that will be easy to maintain for future club members to enjoy.



GFR WIKI RE-ORGANIZATION

Page Levels							
1	2	3	4				
Welcome							
--> Getting Started : club welcome, background, and mission							
--> Contact information : managers, advisors, social media							
--> Google drive : instructions on accessing and making shortcuts to GFR drive							
--> Team roster with contact information							
--> Important upcoming dates/Overall team Gantt chart							
General Information							
--> Wiki How To							
--> FSAE/FS Competitions							
--> Overall team information, meetings, important dates, rules ,etc							
--> Manufacturing							
--> CAD Management							
--> FEA Tutorials							
--> Current Gantt chart for the year							
--> GFR Historical Info							
Subteam pages							
--> EPowertrain/ Electronics							
--> Suspension							
--> Chassis							
--> Aerodynamics							
--> Vehicle Dynamics and Controls							
--> Autonomous Systems							
--> Management							
--> cPowertrain							

Figure 1 : Proposed layout for wiki re-design



Figure 3 : Beginning of tutorial for wiki maintenance

TEAM SOLUTION:**Wiki Layout Improvement Plan:**

- 1: Inspiration from GFR's google drive time test organization method
- 2: Organization Information by level of importance to new members
- 3: Clear, concise labeling for pages to avoid confusion



Figure 2 : Drafting of new pages

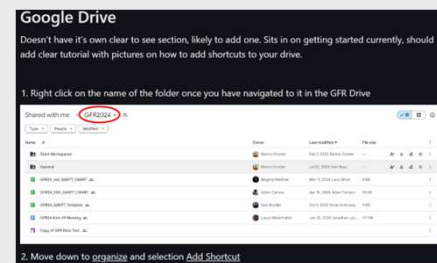


Figure 4 : Beginning for tutorial for accessing team's google drive

DATA GATHERING – SURVEY SENT TO TEAM

- Participants: Approximately 30 students took the survey.

Year Breakdown:

- 24.1% were first-year students.
- 10.3% were second-year students.
- 27.6% were third-year students.

Ease of Use: Almost half of the club was not satisfied with the ease of use of the current wiki.

Importance of Standardization:

- Almost 80% of the responders found it important to standardize the current wiki to improve it.

Recurring Themes:

- Concerns were raised about confusion in newer members learning to access team's google drive.
- Suggestions:
 - Need for a true home page, with a visible list of pages upon opening the wiki.
 - Make the home page more interactive, possibly with buttons linking to main sections.
 - Implement clear nested or drop-down menus for each section.

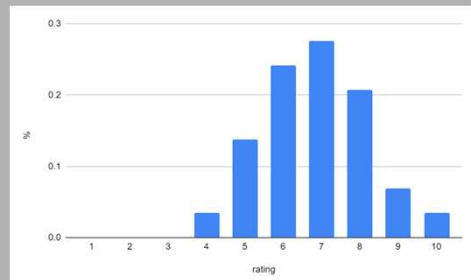
Rating of satisfaction with proposed changes

Figure 5 : Percent of response satisfied with new proposed design