

STAR WARS: THE GAME

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SOW VERSION 1.1

DOCUMENT OBJECTIVE

The purpose of this document is to provide a detailed description of "Star Wars: The Game" application and will define the scope of this project. Any additional changes or requirements which are not mentioned in this document, will fall outside of the scope of this project and may require additional time, payment and/or further evaluation.

SCOPE OF WORK

I will be creating a single player trivia game application based on the "Star Wars Trilogy." The game will be a series of multiple choice questions with three levels, Beginning, Intermediate and Advanced. Each level will earn a designated amount of points for each question that is answered correctly. For incorrect answers there is likewise, a designated amount of points taken away. For each question, there is an option to skip. During Intermediate and Advanced levels, a penalty of points is taken away as well. For the Advanced level, the players not only receive points, but also badges, which are pretty cool. During the game, the player's score will be visible on the screen. At any point during the game, a player can visit the Scoreboard, where a history of players and points are displayed, in order of their rank.

LAYOUT

Homepage

- **TITLE**
- **LOG IN / NEW USER / LOG OUT**
- **SCOREBOARD**
 - **INTRO TO GAME**
 - **POINT SYSTEM**
 - **RULES**
 - **FOOTER**
 - **FOOTER NAV**
 - **CONTACT**
 - **MISC LINKS, ETC.**

LOG IN PAGE

- USERNAME
- PASSWORD
- LOG IN BUTTON
 - NEW USER
- FOOTER

NEW USER PAGE

- USERNAME
- PASSWORD
- VERIFY PASSWORD
- EMAIL
- REGISTER BUTTON
 - FOOTER

GAME PAGE - LEVEL 1, 2, 3

- LOG OUT
- SCOREBOARD
- QUESTION
 - ANSWER
 - ANSWER
 - ANSWER
 - ANSWER
 - SUBMIT ANSWER BUTTON
 - SKIP BUTTON
- FOOTER

WIN PAGE/ LOSE PAGE

- YOU WIN /YOU LOSE
- POINTS EARNED / POINTS LOST
- MOVE ALONG

SCORE BOARD

- YOU WIN /YOU LOSE
- POINTS EARNED / POINTS LOST
- MOVE ALONG

FULL MEAN STACK APPLICATION

I will use a Mongoose Database to keep track of scores, the players current position in the game, and the trivia questions. The trivia questions will be pulled randomly from the database and will be prevented from being asked more than once. The scores will be viewed on the screen while the player is logged in. A separate score board can be viewed which shows every player in the database in order of their scores. I will use Node.js and Express as well as Angular, Jquery and CSS3 for front end and design.

BROWSER	VERSION	SUPPORT
GOOGLE CHROME	46.0.2490.71 (64-BIT)	FULL SUPPORT
MOZILLA FIREFOX	39.0 (64-BIT)	FULL SUPPORT
SAFARI	8.0.8 (64-BIT)	FULL SUPPORT

MILESTONES

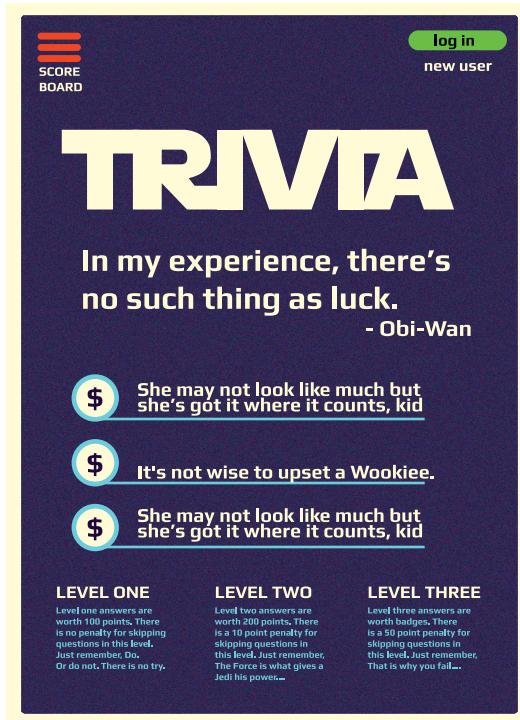
- SCOPE APPROVED
- LOGIN PAGE / PASSPORT BCRYPT
- CONNECT TO DATABASE
- CREATE DATABASE OF TRIVIA QUESTIONS
- SERVER SETUP AND ROUTE DEFINITIONS
- CREATE GRAPHICS / BADGES
- LAYOUT DESIGN
- GAME LOGIC
- CSS ANIMATION
- Q/A

TO DO

- STUDY ANGULAR
- START UP A NEW PROJECT
- START WITH PASSWORDS

STRETCH GOALS

- IMPLEMENT API
- MAKE MOBILE FRIENDLY
- LOGIN THROUGH TWITTER / FB



Homepage



Log in page



Game page