*The Three Stooges*

*Stooges Parts N Pickers* Requirements Document Draft

# Introduction

The purpose of this document is to summarize the system requirements for the functions of the *Stooges Parts n Pickers* app. In this document, you will find a detailed summary of various function requirements, along with diagrams outlining the utilities. The *Description Model* will describe the requirements for the system. The *Class Diagram* will outline all of the system objects, their attributes and known methods. The *Use Case Diagram* will review all of the uses of the system. The *Use Case Scenarios* will outline the possible activity events and any exception conditions. The *Systems Sequence Charts* will provide sequence diagrams for each Use Case Scenario.

# Description Model

1. **Requirements**

*Stooges’ parts n pickers* are both a website app and a desktop, To search up parts, the

Users must have access to the internet. To do things like sharing and reviewing builds, one must have an account.

1. **Processes**
   1. *User account*
   2. The user must create a *Stooges parts n pickers* account to share and review pc builds. First, they must click on the “Create account” button and a dialog box will pop up and prompt to enter their email address, username, and password. There are also other options like creating a bio and a profile pic, these are optional of course. Plus, there is also an option to make the account anonymous. With this option on, the username will be replaced by the word “anonymous” and the profile pic will be blanked out when the user reviews or shares another pc build. Once the options are set up, the user can click on “done” which will send an email to the user’s email address to confirm identity. After confirmation, a pop up will state that account set up is complete.
   3. *Shop Hardware Parts*

The user can search for specific pc hardware and format the list down to either the best specs or the cheapest price. On the main menu of the app, there are labeled buttons that when clicked, lead to a list of that specific hardware part. Each piece in that list has information pulled by the google API, info that includes the full name, website it came from, specs, star reviews, and price. There is also a link provided so that the user can then buy from that website.

* 1. *Compare hardware parts*

The user can compare a hardware part to another hardware part to determine the best options. It is measured by price and specs. The user must click on the “compare” button, which is on the list item, then the user must choose another hardware of the same type or else comparison will not proceed. When one is found, a pop up will display the specs and prices of both hardware and highlight the differences if there are any.

* 1. Share and review pc builds

Users can share their pc builds and review other users builds using star ratings and comments. There is a “share” button on the main menu which opens up a dialog box which prompts the user to upload a pc build to share online, only one is allowed at a time.

# Class Diagram

Class diagram in github repo

# Use Case Diagram

Use case diagram in github repo

# Use Case Scenarios

Use case scenarios in github repo

# System Sequence Charts

System sequence charts in github repo