

# Proposal

## **“AutoParts” - Automatic PC Part Builder**

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### **Saturday Solution**

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## Overview

The Automatic PC Part builder is an application that will make the process of building a personal computer easy. The user will specify the intended use of their computer (gaming, productivity, etc.), as well as their budget. The builder will then automatically pick the best parts, rated by a trusted benchmarking resource, and create a personal computer that fits the user's selected filters and intended use of their PC. Additionally, allows a user to import their current build and choose to upgrade based on their budget.

## Target Audience

Our target audience is anybody that would like to build a PC. Even if the person does not know very much about tech, this application offers the user a plain and simple approach to finding the right parts for the right price, while eliminating the copious hours of research.

## Features

- User can select their budget for their PC auto build.
- The application will automatically select the best parts to fit the user's budget.
- The application will allow users to filter preferences, as well as offering an advanced filtering mode for knowledgeable enthusiasts to finer tune their PC builds for their liking.
- Users will also be able to upgrade their current PC builds by entering their current parts and allowing the user to find the best upgrade to price ratio.
- Users can write reviews on PC builds recommended by the application.
- The application will use data from trusted benchmarking resources to pick the best PC parts for the user.

## Our competition

The closest competition to "AutoParts" is [pcpartpicker.com](http://pcpartpicker.com). Currently, our competitor offers the options of selecting specific pieces and parts and checking for their compatibility with other components. Our approach would take into account (at minimum), the user's budget and the intended use of the PC (gaming or productivity) and return the best PC build for that budget, based on statistics of component benchmarking. Pcpicker doesn't take away the need for hours of research on each component; AutoParts, however, does.