FitTipz features an advanced search engine that can take specific parameters to find exactly what you want. It will filter by gender, size, brand, quality, and price, and if no items meet the specific description, it will find the next closest item. Once an item is found and selected, using VisualFitz, users will be able to use their uploaded images to try on the garment virtually. Once satisfied with the product, they will be transferred to the proper store page to purchase it. This function requires the user to provide input depending on what it is they are looking for. Likewise the output of this function will depend on what the user specified, though it will always show the closest match to whatever specifications were made. This process is completed by accessing our expansive database of supported sellers and stores. FitTipz is able to fulfill users requests quickly and efficiently. As for security, FitTipz complies with industry standards.

Fitz Storage can catalog past purchases and store them in a virtual closet. This is a way to track what users have purchased, intended for use by admins and users alike. For users, it allows them to organize a virtual closet and view their previously purchased items. User Data from Fitz Storage is also used in TipzTips to recommend items to repeat customers. Administrators have access to users purchasing history through Fitz Storage, this data can then be sold to advertisers. Fitz Storage requires input from the user by purchasing items. Once done it can then output their previous purchases. This process is both seamless and instantaneous, users won’t even notice it happening since it is all done at the moment of purchase. This all makes for a good performance that isn’t intrusive. Security is up to code. User data is not accessible by other users or anyone aside from them or an admin.

VisualFitz takes user photos and allows them to put them in whatever outfit they desire. The program asks for three angles with their head and shoulders in clear visibility. One from the front, side, and one from the back. Once uploaded successfully, users can access this feature whenever they wish to try on a piece of clothing. This function can also be accessed through the advanced search function once the user has selected an item they wish to examine closer. VisualFitz does require the user to input images of themself to be able to access this function. The output they receive will be images of themself wearing whatever item they selected. The process of putting clothing onto a picture uses generative AI to do so. This may take some time to complete depending on the complexity of the item but the performance will be stable. To comply with privacy regulations, users can alter and remove these images at any time. In addition, FitTipz will require users to enter their age so those under 13 will have this feature restricted.

The Budget Function asks the user for their budget range, and if they are not sure of their exact budget, they can simply respond to the system with low, medium, or high, and they will receive a low range, such as $0 - $50, medium range $50 - $150, and high range $150 - $400, or no budget which would be a zero or greater range. In the application, a budget will be placed that will change depending on if the user decides to add that item to their cart, which is where all of the item values will be added up to a total. The user can delete or add items to that cart. This function takes input from the user by declaring their budget. It will then output results based on their budget. This process is intertwined with the advanced search function and so it works in tandem. The performance is not hindered as it is factored into a normal search. As for security it follows all regulations and is up to code.

TipzTips is a feature that tracks customers' previous purchases to recommend new outfits. It tracks attributes such as brands they prefer, sizes they tend to buy, and the style of clothing they purchase. This provides useful data and allows the user to have a more streamlined shopping experience. TipzTips will only improve the more users shop using FitTipz, as it gains more data and can more accurately predict what they wish to purchase. There is no direct input from the user but instead it collects inputs from their purchases. This then results in TipzTips supplying users with recommendations based on their history. There is no direct process for users as this is all done behind the scenes. This function performs the purpose of recommending customers new items in the hope that they purchase them. This function's security is standard. It tracks data but it is inaccessible to anyone other than administrators.