

# PC CONFIGURATOR

## Team

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## Short description

PC Configurator is an Oracle Forms project meant to help web users in self-configuring a desktop computer. The application is used as a wizard that acts as the expert system in this particular domain. PC Configurator could be integrated into any online computer store to help improve the user's experience when searching for new hardware solutions.

The application starts with a login page, even though authentication is not necessary to go through the configuration wizard. It's only necessary to be able to „issue” the purchase command at the end. There are (currently) four pages each for one of the following components: CPU, motherboard, memory and video card. The sixth, and last page, shows a summary of all selected components, the total cost and enables a logged-in user to purchase the selected products. The innovative part is how each of the four component selection pages filters out information. Each page contains a number of filters hidden under some common sense questions (e.g. „Do you want a silent computer?”) which, when applied, show the user only those components that match his needs. So, in a general sense, choosing a specific processor limits the choices regarding motherboards and memory. Choosing a motherboard can limit the types of memory you can choose, and so on.

After one of each component has been selected, the user can purchase them, decreasing the stock amount and registering the command into a data base table. An administrator, or anyone with sufficient rights, can view all of these purchases.

## Created using

Oracle Forms

SQL Developer

Oracle DB 10g