# Table: Exits

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| **Schema:** | SystemSchematicBuilder |
| **Responsible:** | Kurt A Vedros |

Table holds all information on every exit of the system.

I.E. shower head, value, outlet, etc.

Exit – The ending part that the system is transporting its contents to.

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| **Column Name** | **Data type** | **Description** |
| ExitsID | Int | Primary Key for Exits Table |
| Name | String | The user given name of the exit and what it is. |

**Procedures (Database functions)**

* sprocGetExits
  + Returns a list of Exit objects that are currently stored in the database.
* sprocGetExit
  + Returns a Exit object that is currently stored in the database that has the given Exit ID number.
* sproc\_ExitAdd
  + Stores the given Exit object into the database and returns its assigned Exit ID number.
* sproc\_ExitUpdate
  + Changes information of the Exits Table in the database with the given primary key to the given Exit class object.
* sproc\_ExitRemove
  + Removes the Exit from the Exits Table with the given Exit ID number.

**DAL (Software Functions)**

* ExitsGetAll()
  + Returns a list of Exit objects that are currently stored in the database.
* ExitGet(int ID)
  + Returns a Exit object that is currently stored in the database that has the given Exit ID number.
* ExitAdd(Exit Exit)
  + Stores the given Exit object into the database and returns its assigned Exit ID number. Returns -1 if error occurred, otherwise returns null.
* ExitUpdate(Exit Exit)
  + Changes a Exit object that is currently stored in the database with the given Exit’s Exit.ID with the Exit’s information.
* ExitRemove(int ID)
  + Removes the Exit object stored in the database with the given Exit ID number. Returns -1 if error occurred, otherwise returns null.