

Function Call Format: *FunctionName(Var1, Var2,,,,,VarN)*

| Function Name  | Variables Passed        | Constraints  | Privileges Required | Data Returned  |
|--|-------------------------|--|---------------------|--|
| AuthenticateUser   | UserName                | 15 alphanumeric characters                                     | None                | LoginHash OR LoginFailure Message (500 char string max)  |
|  | Password                | 30 characters  | None                |  |
| RetrievePatientInfo  | PatientLastName         | 30 alphabetical characters                                     | EMT, Doctor, Admin  | PatientFirstName, PatientLastName, PatientBloodType, PatientAllergies, PatientICELastName, PatientICEFirstName, PatientICEPhone, PatientPCPLastName, PatientPCPFirstName, PatientPCPPhone<br>PatientNotes OR PatientNotFound Message (500 char string max) |
|  | PatientFirstName        | 30 alphabetical characters                                     |                     |  |
|  | LoginHash (Session ID)  | 32 Hexidecimal Characters (jeff please verify format expected) |                     |  |
| AddNewPatient  | PatientLastName         | 30 alphabetical characters                                     | Doctor, Admin       | PatientSuccessfullyAdded Message (500 char string max) OR ErrorAddingPatient Message (500 char string max)   |
|  | PatientFirstName        | 30 alphabetical characters                                     |                     |  |
|  | LoginHash (Session ID)  | 32 Hexidecimal Characters (jeff please verify format expected) |                     |  |
| RemovePatient  | PatientLastName         | 30 alphabetical characters                                     | Admin               | PatientSuccessfullyRemoved Message (500 char string max) OR ErrorRemovingPatient Message (500 char string max)   |
|  | PatientFirstName        | 30 alphabetical characters                                     |                     |  |
|  | LoginHash (Session ID)  | 32 Hexidecimal Characters (jeff please verify format expected) |                     |  |
| AppendPatientInfo<br><br>Notes:<br>-The patient name may not be changed, as turning all fields to blank or junk would be effectively be the same as deleting a patient. The assumption must be if there is a spelling error in the patient's name or a legitimate reason for a name change, the Admin will have to modify this.<br>-Appending patient information will only work up to the maximum field width. Nothing can be deleted by a Doctor, only an Admin.<br>-In the case of blood type, submitting data for this field outside of the null string will not be accepted unless the field is already empty (e.g. after AddNewPatient). A patient's blood type does not change. If there is an error, the Admin will have to modify this. | PatientLastName         | 30 alphabetical characters                                     | Doctor, Admin       | PatientInfoSuccessfullyUpdated Message (500 char string max) OR ErrorUpdatingPatientInfo Message (500 char string max)   |
|  | PatientFirstName        | 30 alphabetical characters                                     |                     |  |
|  | PatientBloodType        | 'O+', 'O-', 'A+', 'A-', 'B+', 'B-', 'AB+', or 'AB-' only       |                     |  |
|  | PatientAllergies        | 500 alphanumeric characters, '+' and '-' acceptable            |                     |  |
|  | PatientICELastName      | 30 alphabetical characters                                     |                     |  |
|  | PatientICEFirstName     | 30 alphabetical characters                                     |                     |  |
|  | PatientICEPhone         | 16 numerical characters  |                     |  |
|  | PatientPCPLastName      | 30 alphabetical characters                                     |                     |  |
|  | PatientPCPFirstName     | 30 alphabetical characters                                     |                     |  |
|  | PatientPCPPhone         | 16 numerical characters  |                     |  |
| ModifyPatientName  | PatientNotes            | 5000 alphanumeric characters, '+' and '-' acceptable           | Admin               | PatientNameSuccessfullyUpdated Message (500 char string max) OR ErrorUpdatingPatientName Message (500 char string max)   |
|  | LoginHash (Session ID)  | 32 Hexidecimal Characters (jeff please verify format expected) |                     |  |
|  | PatientLastNameCurrent  | 30 alphabetical characters                                     |                     |  |
|  | PatientFirstNameCurrent | 30 alphabetical characters                                     |                     |  |
|  | PatientLastNameNew      | 30 alphabetical characters                                     |                     |  |
| ModifyPatientInfo<br><br>Notes:<br>-This call is for fields other than the patient name that require modification. The name cannot be changed through this call.<br>-This will replace the entire contents of each of the fields, so it is recommended that a RetrievePatientInfo is called and auto-populates the browser fields before using this function.<br>-The exception to the above: if a null string is passed for the corresponding field, no changes will be made to that field.   | PatientFirstNameNew     | 30 alphabetical characters                                     | Admin               | PatientInfoSuccessfullyModified Message (500 char string max) OR ErrorModifyingPatientInfo Message (500 char string max)   |
|  | LoginHash (Session ID)  | 32 Hexidecimal Characters (jeff please verify format expected) |                     |  |
|  | PatientLastName         | 30 alphabetical characters                                     |                     |  |
|  | PatientFirstName        | 30 alphabetical characters                                     |                     |  |
|  | PatientBloodType        | 'O+', 'O-', 'A+', 'A-', 'B+', 'B-', 'AB+', or 'AB-' only       |                     |  |
|  | PatientAllergies        | 500 alphanumeric characters, '+' and '-' acceptable            |                     |  |
|  | PatientICELastName      | 30 alphabetical characters                                     |                     |  |
|  | PatientICEFirstName     | 30 alphabetical characters                                     |                     |  |
|  | PatientICEPhone         | 16 numerical characters  |                     |  |
|  | PatientPCPLastName      | 30 alphabetical characters                                     |                     |  |
|  | PatientPCPFirstName     | 30 alphabetical characters                                     |                     |  |
|  | PatientPCPPhone         | 16 numerical characters  |                     |  |
|  | PatientNotes            | 5000 alphanumeric characters, '+' and '-' acceptable           |                     |  |
|  | LoginHash (Session ID)  | 32 Hexidecimal Characters (jeff please verify format expected) |                     |  |