Pocket Quest App-Server Protocol

1. login.php

INPUT

|  |  |
| --- | --- |
| username | char(25) |
| password | char(40) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCCESS, USERDNE, BADPW, DBERROR |

1. createAccount.php

INPUT

|  |  |
| --- | --- |
| username | char(25) |
| emailAddress | char(45) |
| firstName | char(20) |
| lastName | char(20) |
| password | char(40) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCESS, BADUN, BADEMAIL, EXISTS, BADFN, BADLN, BADPW, DBERROR |

1. getExcursionList.php

INPUT

|  |  |
| --- | --- |
| Username | char(25) |
| exName | char(30) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCCESS, DBERROR |

1. loadExcursion.php

INPUT

|  |  |
| --- | --- |
| username | char(25) |
| exName | char(30) |
| exLong | FLOAT |
| ExLat | FLOAT |
| Observation | char(250) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCCESS, DBERROR, |

1. checkExcursion.php

INPUT

|  |  |
| --- | --- |
| UserID | Int |
| exName | char(30) |
| Observation | char(250) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | EXISTS, DNE, |

1. publishExcursion.php

INPUT

|  |  |
| --- | --- |
| username | char(25) |
| exName | char(30) |
| exLong | FLOAT |
| ExLat | FLOAT |
| Observation | char(250) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCCESS, DBERROR |

->(username, email, first, last, password)

<- (ReturnCode)

ReturnCode: Success, IllegalUserName, IllegalEmail, UserNameExists, EmailExists, IllegalFirst, IllegalLast, IllegalPassword, DatabaseError

1. getExcursionList -> ( )

<- (ReturnCode, <ExcursionName, ExcursionAuthor>, …)

ReturnCode: Success, DatabaseError

1. loadExcursion -> (ExcursionName, ExcursionAuthor)

<- (ReturnCode, <Longitude, Latitude> … , <Title, Description, Longitude, Latitude> … )

ReturnCode: Success, DatabaseError

1. checkExcursionName -> (ExcursionName, UserID)

<- (ReturnCode)

ReturnCode: Exists, DoesNotExist

1. publishExcursion -> (ExcursionName, UserID, <Longitude, Latitude> … , <Title, Description, Longitude, Latitude> … )

<- (ReturnCode)

ReturnCode: Success, DatabaseError,

Return Codes

|  |  |
| --- | --- |
| Name | Value |
| SUCCESS | 0 |
| USERDNE | 1 |
| BADPW | 2 |
| BADUN | 4 |
| BADEMAIL | 5 |
| BADFN | 6 |
| BADLN | 7 |
| EXISTS | 8 |
|  |  |
|  |  |