BC Follow Me App-Server Protocol

1. login.php

INPUT

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

OUTPUT

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

1. createAccount.php

INPUT

|  |  |
| --- | --- |
| username | char(25) |
| Email | char(45) |
| firstName | char(20) |
| lastName | char(20) |
| userPassword | char(40) |

OUTPUT

|  |  |
| --- | --- |
| ReturnCode | SUCCESS, USERNAMEEXISTS, BADPW, DBERROR, EMAILEXISTS |

1. getExcursionList.php

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCCESS, DBERROR |
| excursion | Excursion[ ] |

1. loadExcursion.php

INPUT

|  |  |
| --- | --- |
| username | char(25) |
| excursionName | char(30) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | SUCCESS, DBERROR, |
| observation | Observation[ ] |
| coordinates | Coordinates [ ] |

1. checkExcursion.php

INPUT

|  |  |
| --- | --- |
| userName | char(25) |
| excursionName | char(30) |

OUTPUT

|  |  |
| --- | --- |
| returnCode | ExcursionExists, SUCCESS, DBERROR, FAIL, EXCURSRIONDNE |

1. publishExcursion.php

INPUT

|  |  |
| --- | --- |
| observation | Observation[ ] |
| coordinates | Coordinates[ ] |

OUTPUT

|  |  |
| --- | --- |
| ReturnCode | SUCCESS, DBERROR |

Return Codes

|  |  |
| --- | --- |
| Name | Value |
| SUCCESS | 0 |
| DBERROR | 1 |
| BADCREDENTIALS | 2 |
| USERNAMEEXISTS | 3 |
| EXCURSIONDNE | 4 |
| EMAILEXISTS | 5 |
| USERNAMEDOESNOTEXIST | 6 |
| EXCURSIONEXISTS | 7 |
| BADPW | 8 |

excursion = Excursion[ username char(20), excursionName char(30), description char(250), excursionDate char(20)]

observation = Observation [ excursionName char(30), description char(250), latitude FLOAT, longitude FLOAT]

coordinates = [latitude FLOAT, longitude FLOAT]