**Planned API Calls**

Reference for HTTP Status Codes: https://www.restapitutorial.com/httpstatuscodes.html

Will return 200 on successful call.

Will return 400, 401, 404, or 500 depending on error. If we decide to use more codes, this document will be updated.

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| **url/editUser** | Edit existing user data |
| HTTP Request | PUT |
| Required Inputs | Username and password |
| Optional Inputs | NewPassword, name, email, and city |
| Successful Output | Any edited fields (aside from password) and message |
| Error Output | message |

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| **~~url/deleteUser~~** | ~~Delete an existing user from the database~~ |
| ~~HTTP Request~~ | ~~DELETE or POST~~ |
| ~~Required Inputs~~ | ~~Username and password~~ |
| ~~Optional Inputs~~ |  |
| ~~Successful Output~~ | ~~Username and message~~ |
| ~~Error Output~~ | ~~message~~ |
| **IMPORTANT NOTE** | This call will not be implemented. |

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| **url/listAdmins** | SuperAdmin lists all admins |
| HTTP Request | POST |
| Required Inputs | Token and level |
| Optional Inputs |  |
| Successful Output | All usernames (corresponding to organizers) and message |
| Error Output | message |

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| **url/adminEvents** | SuperAdmin lists all events organized by a particular admin |
| HTTP Request | POST |
| Required Inputs | Token, level, and username (of admin) |
| Optional Inputs |  |
| Successful Output | All event fields and message |
| Error Output | message |

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| **url/listUsers** | SuperAdmin lists all users |
| HTTP Request | POST |
| Required Inputs | Token and level |
| Optional Inputs |  |
| Successful Output | All usernames and message |
| Error Output | message |

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| **url/userEvents** | SuperAdmin lists titles of all events this user has attended |
| HTTP Request | POST |
| Required Inputs | Token, level, and username |
| Optional Inputs |  |
| Successful Output | Titles (of events username has participated in) and message |
| Error Output | message |

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| **url/editEvent** | Admin edits an event |
| HTTP Request | PUT |
| Required Inputs | token and eventid |
| Optional Inputs |  |
| Successful Output | Any edited fields and message |
| Error Output | message |

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| **url/leaveEvent** | User leaves an event |
| HTTP Request | DELETE |
| Required Inputs | token |
| Optional Inputs |  |
| Successful Output | message |
| Error Output | message |