**REST API definition for store catalogue.**

|  |  |  |
| --- | --- | --- |
| ***Endpoint*** | ***Request*** | ***Response*** |
| /store/fetch  -fetches a page of object identifiers given the categorical filters. | GET  {  type: <user|cart|category|item>,  categoryId:1,  pageIdx:0  } | [  { itemId:1, name:”Mouse”},  { itemId:2, name:”Keyboard”},  { itemId:3, name:”Monitor”},  …  ] |
| /store/login  -gets an authentication token needed for subsequent requests. | GET  {  username:<users.name|email>,  password:<external passwd>  } | {  authtoken: “QWxhZGRpbjpPcGVuU2VzYW1l”  } |
| /store/authenticate  -converts an authentication token previously gained by a login request into session lasting basic authentication credentials. | GET  {  authtoken: “QWxhZGRpbjpPcGVuU2VzYW1l”  } | {  sessionuid:<proxyusername>,  sessionpwd:<dynamic>  } |
| /store/create  -creates a particular type of object passing appropriate attributes including unique identifier which must not exist. | POST  {  type: <user|cart|category|item>, name: <<table>.name>,  …  } | {  status: <0 success|non 0 fail>,  message: <result text>  } |
| /store/retrieve  -retrieves a particular object given a unique identifier. | GET  {  type: <user|cart|category|item>,  name: <<table>.name>  } | {  name: <<table>.name>  …  } |
| /store/update  -updates a particular object passing appropriate attributes including unique identifier which must exist. | PUT  {  type: <user|cart|category|item>, name: <<table>.name>,  …  } | {  status: <0 success|non 0 fail>,  message: <result test>  } |
| /store/delete  -deletes a particular object given a unique identifier. | DELETE  {  type: <user|cart|category|item>,  name: <<table>.name>  } | {  status: <0 success|non 0 fail>,  message: <result text>  } |