|  |  |  |  |
| --- | --- | --- | --- |
| URI | Method | Request body | Response Body |
| /signup | POST | {  "username": "rica",  "password": "1234"  } |  |
| /login | POST | {  "username": "rica",  "password": "1234"  } |  |
| /user | GET |  | [{  "id": 1,  "username": "rica",  "password": "1234"  },  {  "id": 2,  "username": "pedro",  "password": "1234"  }] |
| /user/:uID | GET |  | {  "id": 1,  "username": "rica",  "password": "123456"  } |
| /user/:uID | PUT | {  "username": "ricx",  "password": "1234"  } | {  "id": 1,  "username": "ricx",  "password": "1234"  } |
| /user/:uID | DELETE |  |  |
| /user/:uID/album | GET |  | [{  "id": 1,  "title": "Vida",  "description": "Exemplo de descrição",  "startDate": 1418066023321,  "endDate": 1418066023321,  "owner": 1,  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  }] |
| /user/:uID/album | POST | {  "title": "Vida",  "description": "Exemplo de descrição",  "startDate": 1418066023321,  "endDate": 1418066023321,  "owner": 1  } | {  "id": 1,  "title": "Vida",  "description": "Exemplo de descrição",  "startDate": 1418066023321,  "endDate": 1418066023321,  "owner": 1,  "photos": []  } |
| /user/:uID/album/:aID | GET |  | {  "id": 1,  "title": "Vida",  "description": "Exemplo de descrição",  "startDate": 1418066023321,  "endDate": 1418066023321,  "owner": 1,  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  } |
| /user/:uID/album/:aID | PUT | {  "title": "Vida",  "description": "Outra descrição",  "startDate": 1418066023321,  "endDate": 1418066023321,  "owner": 1  } | {  "id": 1,  "title": "Vida",  "description": "Outra descrição",  "startDate": 1418066023321,  "endDate": 1418066023321,  "owner": 1,  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  } |
| /user/:uID/album/:aID | DELETE |  |  |
| /user/:uID/album/:aID/photo | GET |  | [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ] |
| /user/:uID/album/:aID/photo | POST | {  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  } | {  "id": 1  } |
| /user/:uID/album/:aID/photo/:pID | GET |  | {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  } |
| /user/:uID/album/:aID/photo/:pID | DELETE |  |  |
| /user/:uID/printAlbum | POST | {  "theme": "Férias",  "title": "Melhores das férias",  "message": "I will get a Triforce, like I said",  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  } | {  "id": 1,  "theme": "Férias",  "title": "Melhores das férias",  "message": "I will get a Triforce, like I said",  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  } |
| /user/:uID/order/:oID | GET |  | {  "id": 1,  "printPrice": 29.75,  "transportPrice": 5.25,  "address": "Avenida da Liberdade",  "printAlbum": {  "id": 1,  "theme": "Férias",  "title": "Melhores das férias",  "message": "I will get a Triforce, like I said",  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  },  "confirmed": true,  "state": "Delivered to carrier"  } |
| /user/:uID/order | POST | {  "printPrice": 29.75,  "transportPrice": 5.25,  "address": "Avenida da Liberdade",  "printAlbum": 1,  "confirmed": true,  "state": "Delivered to carrier"  } | {  "id": 1,  "printPrice": 29.75,  "transportPrice": 5.25,  "address": "Avenida da Liberdade",  "printAlbum": {  "id": 1,  "theme": "Férias",  "title": "Melhores das férias",  "message": "I will get a Triforce, like I said",  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  },  "confirmed": true,  "state": "Delivered to carrier"  } |
| /printerShop1 | GET |  | {  “individualPrice”: 0.59  } |
| /printerShop2?nPhotos=X | GET |  | {  “price”: X \* 0.59  } |
| /printerShop3 | GET |  | {  “estimatedPrice”: 27.59  } |
| /printerShop1  /printerShop2  /printerShop3 | POST | {  "id": 1,  "theme": "Férias",  "title": "Melhores das férias",  "message": "I will get a Triforce, like I said",  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  } | {  “error”: false  } |
| /carrier1  /carrier2  /carrier3 | GET |  | {  “id”: 1,  “state”: “In transport”  } |
| /carrier1  /carrier2  /carrier3 | POST | {  "id": 1,  "address": "Avenida da Liberdade",  "printAlbum": {  "id": 1,  "theme": "Férias",  "title": "Melhores das férias",  "message": "I will get a Triforce, like I said",  "photos": [  {  "id": 1,  "albumId": 1,  "photo": "photos/41kjb2h4bkb.jpg",  "date": 1418066023321  },  {  "id": 2,  "albumId": 1,  "photo": "photos/d89sad798sd.jpg",  "date": 1418066023321  }  ]  }  } | {  “error”: false  } |
| /testStrength | POST | {  “password”: 123456  } | {  “strength”: 1  } |
| /distance | GET |  | {  “distance”: 145  } |