**List**

1. [**Retrieve received requests of user**](#id.iqhejqyhuymy)
2. [**Create new requests**](#id.8rccxbefb819)
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4. [**Retrieve all Books by user which are approved by moderator as well as available for barter**](#id.w0ez40w5uixp)
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8. [**Delete a book**](#id.2ccn7u4wsiku)
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12. **Retrieve received requests of user**

<http://dev-my-barter-site.pantheon.io/myrestapi/requests_backend/retrieve_user_requests>

POST

**{**

**"user\_id":"11"**

**}**

**Response1:**

**[{"id":"59","acceptor\_id":"11","acceptor\_book\_name":"Narnia","accept\_book\_id":"52","requester\_id":"69","req\_book\_name":"","req\_book\_id":"51","field\_acceptor\_approval":"0","field\_requestor\_approval":"0","field\_transactioncomplete":"0"},{"id":"60","acceptor\_id":"11","acceptor\_book\_name":"Narnia","accept\_book\_id":"52","requester\_id":"69","req\_book\_name":"","req\_book\_id":"51","field\_acceptor\_approval":"0","field\_requestor\_approval":"0","field\_transactioncomplete":"0"},{"id":"76","acceptor\_id":"11","acceptor\_book\_name":"Narnia","accept\_book\_id":"52","requester\_id":"69","req\_book\_name":"","req\_book\_id":"51","field\_acceptor\_approval":"0","field\_requestor\_approval":"0","field\_transactioncomplete":"0"},{"id":"77","acceptor\_id":"11","acceptor\_book\_name":"IR BOOK3","accept\_book\_id":"75","requester\_id":"69","req\_book\_name":"","req\_book\_id":"73","field\_acceptor\_approval":"0","field\_requestor\_approval":"0","field\_transactioncomplete":"0"},{"id":"127","acceptor\_id":"11","acceptor\_book\_name":"IR BOOK3","accept\_book\_id":"75","requester\_id":"109","req\_book\_name":"","req\_book\_id":"73","field\_acceptor\_approval":"0","field\_requestor\_approval":"0","field\_transactioncomplete":"0"}]**

**Response2: If no requests found**

**{"message":"No received requests"}**

**Barter Requests** **2) Create new requests**

<http://dev-my-barter-site.pantheon.io/myrestapi/requests_backend>

POST

{

"requester\_id":"69",

"acceptor\_id":"11",

"req\_book\_id":"73",

"accept\_book\_id":"75"

}

Response:

"{"request\_id":"77"}"

3) Retrieve a request by id

<http://dev-my-barter-site.pantheon.io/myrestapi/requests_backend/77>

GET

Response

{

requester\_id: "69"

id: "69"

acceptor\_id: "11"

req\_book\_id: "73"

accept\_book\_id: "75"

field\_acceptor\_approval: "0"

field\_requestor\_approval: "0"

field\_transactioncomplete: "0"

}

**Feed:****4) Retrieve all Books by user which are approved by moderator as well as available for barter**

[http://dev-my-barter-site.pantheon.io/myrestapi/books\_backend/retrieve\_all\_books](http://dev-my-barter-site.pantheon.io/myrestapi/books_backend/retrieve_user_books)

POST

{

"user/\_id":"143"

}

**Response:  
[{"id":"54","title":"IR BOOK","book\_owner\_id":"69","book\_author":"author","book\_description":"desc","book\_year\_of\_purchase":"1929","book\_original\_price":"22","book\_image\_url":"dev-my-barter-site.pantheon.io\/sites\/default\/files\/notuploaded.JPG","book\_available\_for\_barter":"1","book\_moderator\_approval":"0","amazon\_link":""},{"id":"73","title":"IR BOOK3","book\_owner\_id":"","book\_author":"author","book\_description":"Bella is just a regular girl in a new town. Everything is normal until she meets brooding and mysterious Edward Cullen. As they start to get closer she stumbles upon his most deadly secret. She found out he's a vampire. With this on her mind she also notices the gruesome murders that have been happening around town. Will she trust her heart? Or the warning signs going through her head? This love story follows a girl and her vampire boyfriend as they struggle to appear as the normal couple everyone expects them to be.","book\_year\_of\_purchase":"1929","book\_original\_price":"22","book\_image\_url":"dev-my-barter-site.pantheon.io\/sites\/default\/files\/\/book\_5\_0.png","book\_available\_for\_barter":"1","book\_moderator\_approval":"0","amazon\_link":"http:\/\/**[**www.amazon.com\/Introduction-Information-Retrieval-Christopher-Manning\/dp\/0521865719**](http://www.amazon.com//Introduction-Information-Retrieval-Christopher-Manning//dp//0521865719)**"},**

**{"id":"75","title":"IR BOOK3","book\_owner\_id":"","book\_author":"author","book\_description":"Bella is just a regular girl in a new town. Everything is normal until she meets brooding and mysterious Edward Cullen. As they start to get closer she stumbles upon his most deadly secret. She found out he's a vampire. With this on her mind she also notices the gruesome murders that have been happening around town. Will she trust her heart? Or the warning signs going through her head? This love story follows a girl and her vampire boyfriend as they struggle to appear as the normal couple everyone expects them to be.","book\_year\_of\_purchase":"1929","book\_original\_price":"22","book\_image\_url":"dev-my-barter-site.pantheon.io\/sites\/default\/files\/\/book\_7\_0.png","book\_available\_for\_barter":"1","book\_moderator\_approval":"0","amazon\_link":"http:\/\/www.amazon.com\/Introduction-Information-Retrieval-Christopher-Manning\/dp\/0521865719"}]**

**5) Retrieve all Books by user which are approved by moderator**  
<http://dev-my-barter-site.pantheon.io/myrestapi/books_backend/retrieve_user_books>

POST

{

"user\_id":"69"

}

Response:

[{"id":"52","title":"Narnia","book\_owner\_id":"","book\_author":"narnia\_author","book\_description":"narnia desc","book\_year\_of\_purchase":"2000","book\_original\_price":"22","book\_image\_url":"dev-my-barter-site.pantheon.io\/sites\/default\/files\/\/city.jpg","book\_available\_for\_barter":"0","book\_moderator\_approval":"0","amazon\_link":""},{"id":"54","title":"IR BOOK","book\_owner\_id":"","book\_author":"author","book\_description":"desc","book\_year\_of\_purchase":"1929","book\_original\_price":"22","book\_image\_url":"dev-my-barter-site.pantheon.io\/sites\/default\/files\/notuploaded.JPG","book\_available\_for\_barter":"1","book\_moderator\_approval":"0","amazon\_link":""},

{"id":"75","title":"IR BOOK3","book\_owner\_id":"","book\_author":"author","book\_description":"Bella is just a regular girl in a new town. Everything is normal until she meets brooding and mysterious Edward Cullen. As they start to get closer she stumbles upon his most deadly secret. She found out he's a vampire. With this on her mind she also notices the gruesome murders that have been happening around town. Will she trust her heart? Or the warning signs going through her head? This love story follows a girl and her vampire boyfriend as they struggle to appear as the normal couple everyone expects them to be.","book\_year\_of\_purchase":"1929","book\_original\_price":"22","book\_image\_url":"dev-my-barter-site.pantheon.io\/sites\/default\/files\/\/book\_7\_0.png","book\_available\_for\_barter":"1","book\_moderator\_approval":"0","amazon\_link":"http:\/\/www.amazon.com\/Introduction-Information-Retrieval-Christopher-Manning\/dp\/0521865719"}]

books\_backend

**6) Save a book with Image**

http://dev-my-barter-site.pantheon.io/myrestapi/books\_backend  
POST

{

"title": "IR BOOK3",

"book\_owner\_id": "69",

"book\_author": "author",

"book\_description": "Bella is just a regular girl in a new town. Everything is normal until she meets brooding and mysterious Edward Cullen. As they start to get closer she stumbles upon his most deadly secret. She found out he's a vampire. With this on her mind she also notices the gruesome murders that have been happening around town. Will she trust her heart? Or the warning signs going through her head? This love story follows a girl and her vampire boyfriend as they struggle to appear as the normal couple everyone expects them to be.",

"image\_encode": "encoded image",

"book\_year\_of\_purchase": "1929",

"book\_original\_price": "22",

"amazon\_link": "http://www.amazon.com/Introduction-Information-Retrieval-Christopher-Manning/dp/0521865719"

}

Response  
"{"new\_book\_id":"66"}"

**7) Retrieve a book**

GET

<http://dev-my-barter-site.pantheon.io/myrestapi/books_backend/56>

Response:

{

id: "56"

title: "IR BOOK"

book\_owner\_id: ""

book\_author: "author"

book\_description: "Bella is just a regular girl in a new town. Everything is normal until she meets brooding and mysterious Edward Cullen. As they start to get closer she stumbles upon his most deadly secret. She found out he's a vampire. With this on her mind she also notices the gruesome murders that have been happening around town. Will she trust her heart? Or the warning signs going through her head? This love story follows a girl and her vampire boyfriend as they struggle to appear as the normal couple everyone expects them to be."

book\_year\_of\_purchase: "1929"

book\_original\_price: "22"

book\_image\_url: "dev-my-barter-site.pantheon.io/sites/default/files/notuploaded.JPG"

book\_available\_for\_barter: "1"

book\_moderator\_approval: "1"

amazon\_link: "<http://www.amazon.com/Introduction-Information-Retrieval-Christopher-Manning/dp/0521865719>"

}

**8) Delete a book**

Request type

DELETE  
http://dev-my-barter-site.pantheon.io/myrestapi/books\_backend/62

Response

"{"reply":"deleted"}"

NEW  
**9) USER Login check**   
POST

[http://dev-my-barter-site.pantheon.io/myrestapi/barter\_user\_service/](http://dev-my-barter-site.pantheon.io/myrestapi/barter_user_service/69)login

{

"email": "sahiadsadfgh2323@sahil.com",

"pass": "qwerty"

}

Response  
"{"email":"[sahiadsadfgh2323@sahil.com](mailto:sahiadsadfgh2323@sahil.com)","pass":"qwerty","uid":"101","result":true}"

**10) User get info byID**  
[http://dev-my-barter-site.pantheon.io/myrestapi/barter\_user\_service/](http://dev-my-barter-site.pantheon.io/myrestapi/barter_user_service/69)143  
GET

X-CSRF-Token

vTdpl8GYzaxIxbT5PF6WauKWyVLMXfv2f57WoNvV9H0

{"uid":"143","name":"apschhokar(115)","pass":"$S$DsiPtC.UWCCG7zjFYikDQAntcViLZWrNSvKVDcpz.XVLTpSf5RpX","mail":"apschhokar@gmail.com","theme":"","signature":"","signature\_format":null,"created":"1448829123","access":"0","login":"0","status":"1","timezone":null,"language":"","picture":null,"init":"apschhokar@gmail.com","data":false,"roles":{"2":"authenticated user"},"field\_contact\_":[],"field\_user\_first\_name":{"und":[{"value":"Ajay ","format":null,"safe\_value":"Ajay "}]},"field\_last\_name":{"und":[{"value":"Singh ","format":null,"safe\_value":"Singh "}]},"field\_user\_address":[],"field\_user\_pin\_code":[],"rdf\_mapping":{"rdftype":["sioc:UserAccount"],"name":{"predicates":["foaf:name"]},"homepage":{"predicates":["foaf:page"],"type":"rel"}}}"

**11) NEw USER Creation**

<http://dev-my-barter-site.pantheon.io/myrestapi/barter_user_service>

POST

X-CSRF-Token

vTdpl8GYzaxIxbT5PF6WauKWyVLMXfv2f57WoNvV9H0

{

"email": "sahil212323@sahil.com",

"pass": "qwerty",

“firstName”:”First”,

“lastName”:”Last”,

}

Headers

To retrieve if value of token is changed

http://dev-my-barter-site.pantheon.io/services/session/token

X-CSRF-Token  
vZu-YUFWLzIdFIn7VDoA6hV9IhrYe-BimkC1ncRdojU

Content-Type  
application/json