

Trello Clone APIs

Name	Create a new user
Link	http://localhost:8080/Trello-Clone/api/user/create
Method Type	POST
Body	<pre>{ "name": "Ahmed", "email": "ahmedbakry024@gmail.com", "password": "1234", "isTeamLeader": true }</pre>
Params	None
Expected	User created successfully

Name	Create a new board
Link	http://localhost:8080/Trello-Clone/api/board/createBoard?userId=1
Method Type	POST
Body	<pre>{ "name": "board 2", "teamLeader": 1 }</pre>
Params	Key : userId , value : 1
Expected	Board created successfully

Name	Create a list
Link	http://localhost:8080/Trello-Clone/api/list/create?userId=1
Method Type	POST
Body	<pre>{ "listName" : "test", "boardId": 1 }</pre>
Params	Key : userId , value : 1
Expected	<pre>{ "boardId": 1, "listName": "test", "listId": 4 }</pre>

Name	Get All Lists
Link	http://localhost:8080/Trello-Clone/api/list/getAll
Method Type	GET
Body	None
Params	None
Expected	<pre>[{ "boardId": 1, "listName": "Done", "listId": 1 }, { "boardId": 1, "listName": "Todo", "listId": 2 }, { "boardId": 1, "listName": "Progress", "listId": 3 }, { "boardId": 1, "listName": "test", "listId": 4 }]</pre>

Name	Get all cards in list
Link	http://localhost:8080/Trello-Clone/api/list/getallcardslist?listId=1
Method Type	GET
Body	None
Params	Key : listId , value : 1
Expected	[]

Name	Get all cards in list
Link	http://localhost:8080/Trello-Clone/api/list/getallcardslist?listId=1
Method Type	GET
Body	None
Params	Key : listId , value : 1
Expected	[]

Name	Invite user to the board
Link	http://localhost:8080/Trello-Clone/api/board/addUserToInvitedList?userId=1&boardId=1
Method Type	POST
Body	None
Params	Key : userId, value : 1 Key : boardId, value : 1
Expected	User with ID 2 added to invited list of Board with ID 1

Name	Get all users
Link	http://localhost:8080/Trello-Clone/api/board/invitedUsers?boardId=1&userId=1
Method Type	GET
Body	None
Params	Key : userId, value : 1 Key : boardId, value : 1
Expected	[1, 2]

Name	Create a default card
Link	http://localhost:8080/Trello-Clone/api/card/create?boardId=1
Method Type	POST
Body	{ "title": "Example Card", "description": "This is a sample card.", "comments":["comment1","comment2"], "assignedTo":1, "reporterId":1, "deadline": "2024-05-09" }
Params	Key : boardId, value : 1
Expected	{ "cardId": 3, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "To Do", "cardStatus": "To Do", "deadline": "2024-05-09" }

Name	Create a card
Link	http://localhost:8080/Trello-Clone/api/card/create?boardId=1
Method Type	POST
Body	<pre>{ "title": "Example Card", "description": "This is a sample card.", "comments":["comment1","comment2"], "assignedTo":1, "reporterId":1, "cardStatus": "Reading", "deedline": "2024-05-07" }</pre>
Params	Key : boardId, value : 1
Expected	<pre>{ "cardId": 4, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-07" }</pre>

Name	Get card
Link	http://localhost:8080/Trello-Clone/api/card/getcard?cardId=1&userId=1
Method Type	GET
Body	None
Params	Key : userId, value : 1 Key : cardId, value : 1
Expected	<pre> { "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deadline": "2024-05-09" } </pre>

Name	Search Title
Link	http://localhost:8080/Trello-Clone/api/search/title/Example
Method Type	GET
Body	None
Params	None
Expected	<pre> { "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deadline": "2024-05-09" } </pre>

Name	Search Description
Link	http://localhost:8080/Trello-Clone/api/search/description/card
Method Type	GET
Body	None
Params	None
Expected	<pre> { "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-09" } </pre>

Name	Search Status
Link	http://localhost:8080/Trello-Clone/api/search/status/Reading
Method Type	GET
Body	None
Params	None
Expected	<pre> { "cardId": 2, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-07" } </pre>

Name	Search assignee
Link	http://localhost:8080/Trello-Clone/api/search/assignee/1
Method Type	GET
Body	None
Params	None
Expected	<pre> { "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deadline": "2024-05-09" } </pre>

Name	Search Reporter
Link	http://localhost:8080/Trello-Clone/api/search/reporter/1
Method Type	GET
Body	None
Params	None
Expected	<pre> { "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deadline": "2024-05-09" } </pre>

Name	Search Secific Creation Date
Link	http://localhost:8080/Trello-Clone/api/search/creationDate/2024-05-08
Method Type	GET
Body	None
Params	None
Expected	<pre> { "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-09" } </pre>

Name	Search specific Deedline
Link	http://localhost:8080/Trello-Clone/api/search/deedline/2024-05-08
Method Type	GET
Body	None
Params	None
Expected	<pre> [{ "cardId": 6, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-08" }] </pre>

Name	Search Before Deedline
Link	http://localhost:8080/Trello-Clone/api/search/before-Deedline/2024-05-07
Method Type	GET
Body	None
Params	None
Expected	<pre>[{ "cardId": 2, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-07" }, { "cardId": 7, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-06" }]</pre>

Name	Search After Deedline
Link	http://localhost:8080/Trello-Clone/api/search/after-Deedline/2024-05-07
Method Type	GET
Body	None
Params	None
Expected	<pre>[{ "cardId": 1, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-09" }, { "cardId": 2, "comments": ["comment1", "comment2"], "creationDate": "2024-05-08", "assignedTo": 1, "description": "This is a sample card.", "reporterId": 1, "sprint": null, "title": "Example Card", "listId": 2, "status": "Reading", "cardStatus": "Reading", "deedline": "2024-05-07" }]</pre>

Name	Send-Messages-Console
Link	http://localhost:8080/Trello-Clone/api/messaging/check-Deadline-And-Send-Messages-console/1
Method Type	GET
Body	None
Params	None
Expected	Card Deadline Checked Successfully

Name	Send-Messages-API
Link	http://localhost:8080/Trello-Clone/api/messaging/check-Deadline-And-Send-Messages-API/1
Method Type	GET
Body	None
Params	None
Expected	Card Deadline Checked Successfully

Name	Get Notifications by UserId
Link	http://localhost:8080/Trello-Clone/api/messaging/notification/1
Method Type	GET
Body	None
Params	None
Expected	Reminder: Deadline for card 'Example Card' is approaching. Please complete it soon. Reminder: Deadline for card 'Example Card' has passed. Please review its status.