

MTG Events
User Manual
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05/14/2021

Table of Contents

Intended Audience	-----	3
Initial Setup	-----	3
Install NodeJS and MongoDB	-----	3
Initialize Database	-----	3
Start NodeJS Server	-----	3
Access Website	-----	3
Website Functionality	-----	4
Login	-----	4
Sign Up	-----	4
Finding Connections	-----	5
RSVP to a Connection	-----	6
Update a RSVP'd Connection	-----	7
Delete a RSVP'd Connection	-----	9
Create a New Connection	-----	9
Update a User-Owned Connection	-----	10
Delete a User-Owned Connection	-----	11

Intended Audience:

The intended audiences for my website are Magic: the Gathering players, people interested in learning about Magic: the Gathering, and anyone else interested in the website.

Initial Setup:

Install NodeJS and MongoDB:

This website is hosted using NodeJS and implements MongoDB for persistent storage, so they need to be installed on the system hosting the server.

Go to <https://nodejs.org/en/download/>.

Choose and download the installer that matches your system.

Follow the installer prompts to install NodeJS

Go to <https://docs.mongodb.com/manual/installation/>

Follow the installation directions that match your system

Start the MongoDB database

Initialize Database:

For MTG Events to function properly, only the MTGEvents database needs to be created. However, for a test experience, you can initialize the database with pre-configured data.

Navigate to and copy the contents of the resources/databaseInit/milestone4_createDB.txt file.

Open mongo in the terminal

Paste the contents of the milestone4_createDB.txt file into the mongo terminal and press enter.

Start NodeJS server:

Now that you have installed NodeJS and MongoDB and have initialized the database, you can start the web server.

Download the MTG Events project from github.

Unzip the files

Navigate to the project's root directory in the terminal

Type "node app" and press enter

Access Website:

The web server and database are up and running. It's time to enjoy the website!

Open your preferred browser

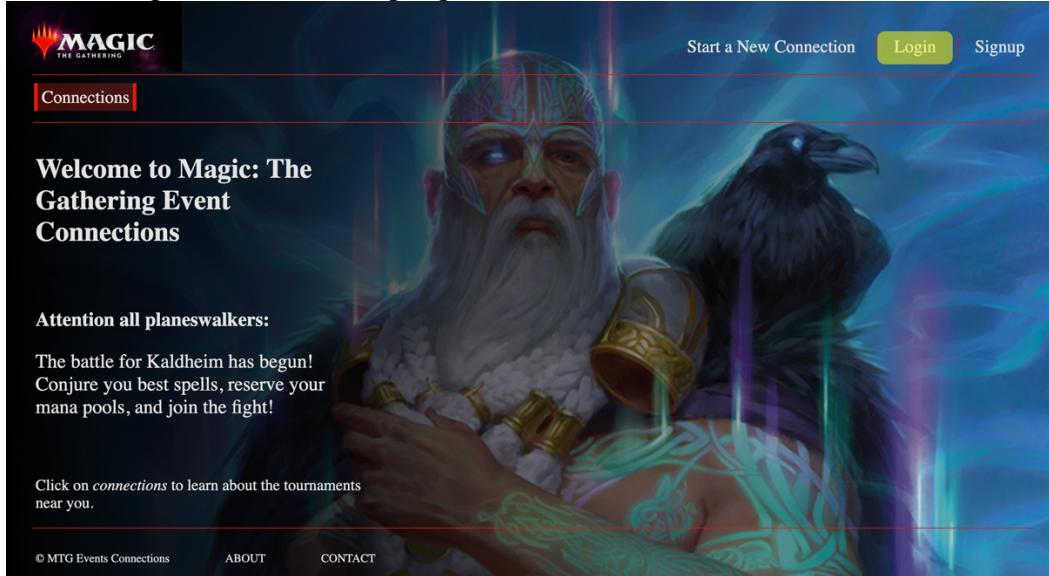
In the URL field, type "localhost:8080" and press enter

Enjoy MTG Events!

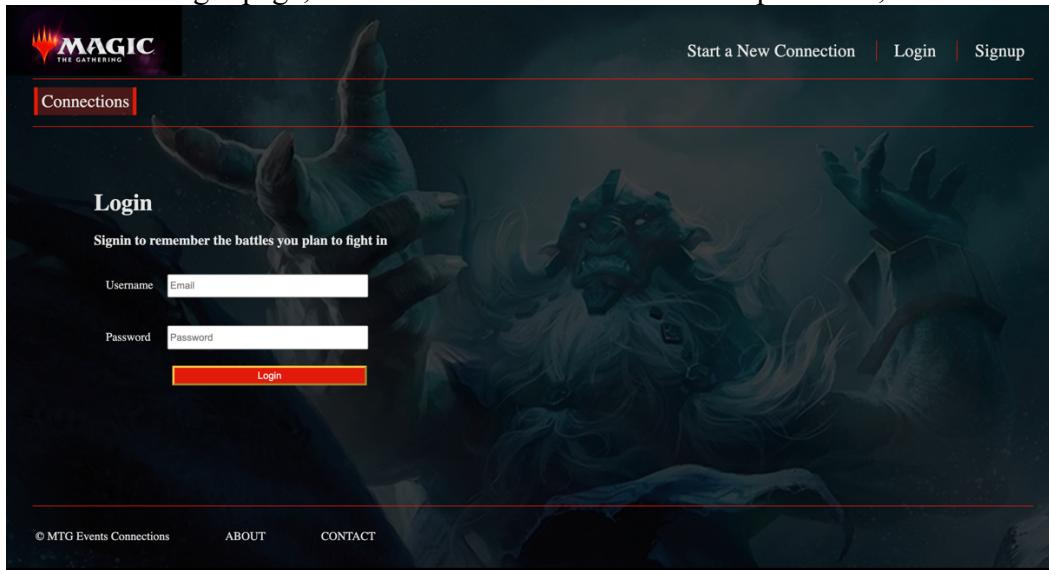
Website Functionality:

Login:

In order to create and save connections, the user must be logged in. To login, the user will click the login button at the top-right of the screen.



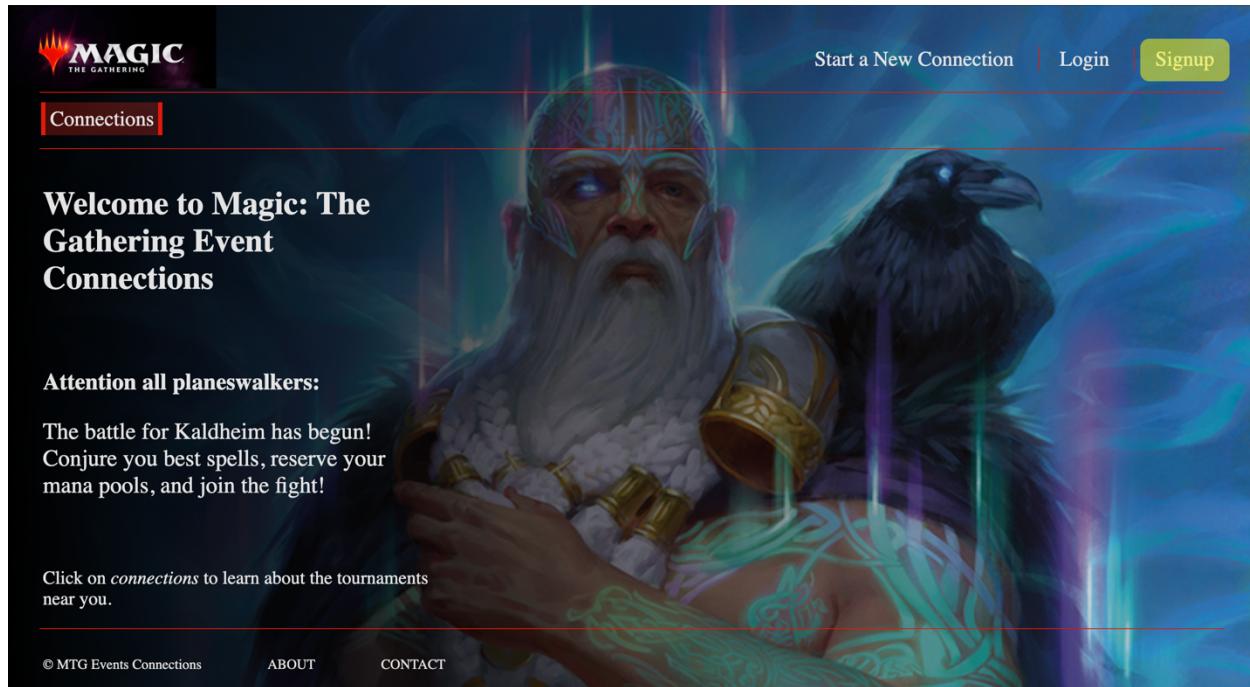
Once on the login page, the user will enter their email and password, then hit the login button.



If the user's email and password are correct, they will be redirected to the saved connections page.

Sign Up:

If the user does not currently have an account, they can sign up for one. To sign up for an account, the user will click on the signup button in the top-right of the screen.



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ABOUT

CONTACT

Once on the page, the user will fill out the fields and click the sign up button.

Note: The first name, last name, email, zip code, password, and password confirmation are required. The other address fields are not required.

Sign Up

Create an account to create and save events

First Name: Norm

Last Name: Niner

Email: normniner@uncc.edu

Address

Line 1: 9201 University City Blvd

Line 2: 331 Witherspoon Hall

City: Charlotte

State: NC

Zip: 28223

Country: US

Password:

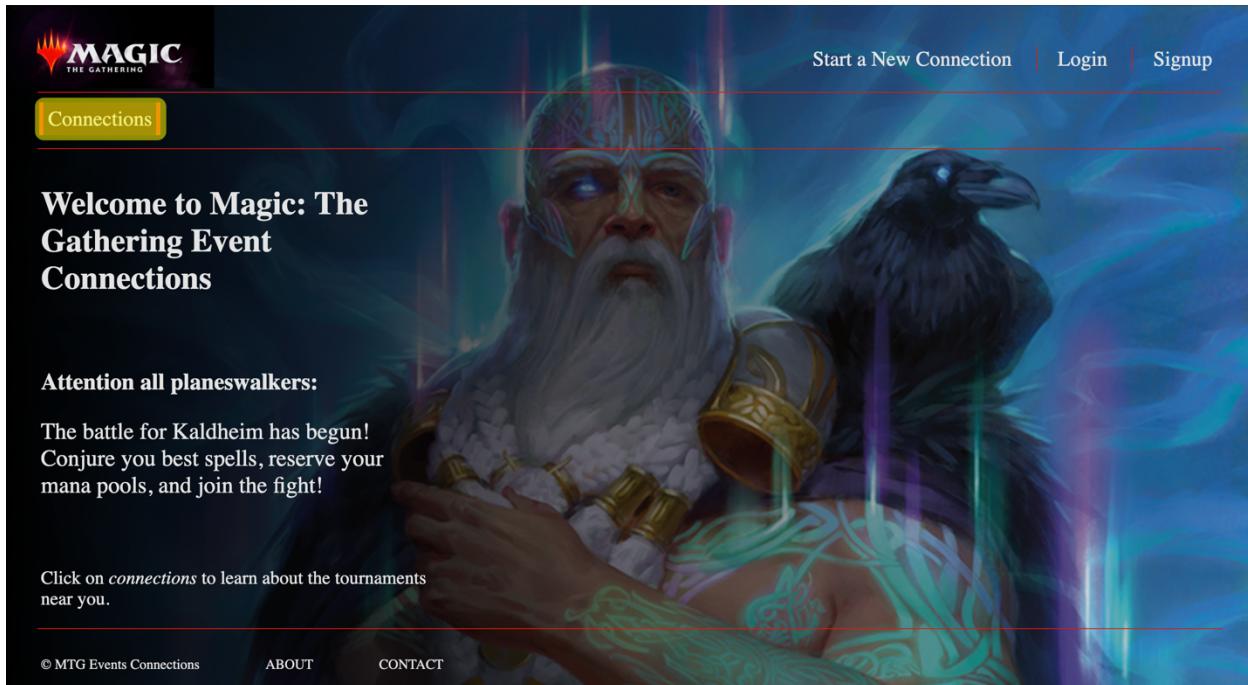
Confirm Password:

Sign Up

When the user clicks the sign up button, their account will be created, they will be logged in, and redirected to the saved connections page.

Finding Connections:

To find upcoming connections, the user will click on the connections button in the navigation bar.



MAGIC
THE GATHERING

Start a New Connection | Login | Signup

Connections

Welcome to Magic: The Gathering Event Connections

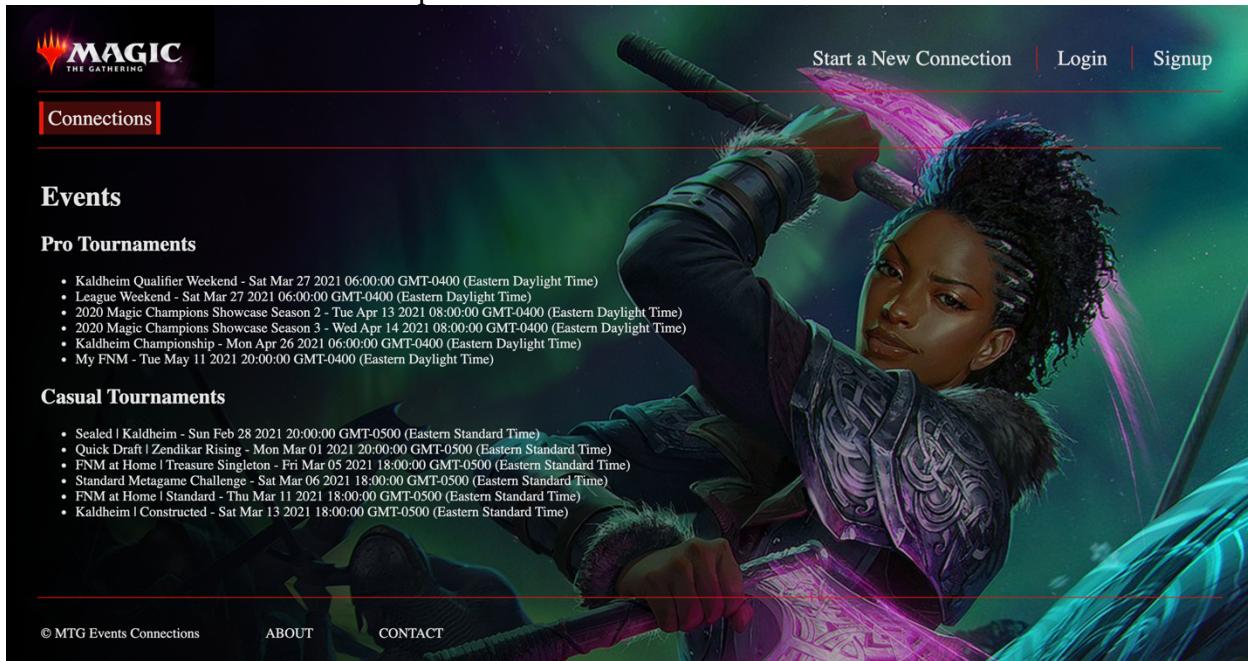
Attention all planeswalkers:

The battle for Kaldheim has begun!
Conjure your best spells, reserve your mana pools, and join the fight!

Click on *connections* to learn about the tournaments near you.

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The user will be directed to the connections page below. The names of the connections can be clicked to see details about the specific connection.



MAGIC
THE GATHERING

Start a New Connection | Login | Signup

Connections

Events

Pro Tournaments

- Kaldheim Qualifier Weekend - Sat Mar 27 2021 06:00:00 GMT-0400 (Eastern Daylight Time)
- League Weekend - Sat Mar 27 2021 06:00:00 GMT-0400 (Eastern Daylight Time)
- 2020 Magic Champions Showcase Season 2 - Tue Apr 13 2021 08:00:00 GMT-0400 (Eastern Daylight Time)
- 2020 Magic Champions Showcase Season 3 - Wed Apr 14 2021 08:00:00 GMT-0400 (Eastern Daylight Time)
- Kaldheim Championship - Mon Apr 26 2021 06:00:00 GMT-0400 (Eastern Daylight Time)
- My FNM - Tu May 11 2021 20:00:00 GMT-0400 (Eastern Daylight Time)

Casual Tournaments

- Sealed | Kaldheim - Sun Feb 28 2021 20:00:00 GMT-0500 (Eastern Standard Time)
- Quick Draft | Zendikar Rising - Mon Mar 01 2021 20:00:00 GMT-0500 (Eastern Standard Time)
- FNM at Home | Treasure Singleton - Fri Mar 05 2021 18:00:00 GMT-0500 (Eastern Standard Time)
- Standard Metagame Challenge - Sat Mar 06 2021 18:00:00 GMT-0500 (Eastern Standard Time)
- FNM at Home | Standard - Thu Mar 11 2021 18:00:00 GMT-0500 (Eastern Standard Time)
- Kaldheim | Constructed - Sat Mar 13 2021 18:00:00 GMT-0500 (Eastern Standard Time)

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RSVP to a connection:

When a user finds a connection they want to attend, they can RSVP to the connection with yes, no, or maybe. To do so, they will click on a connection from the connections page. They will be directed to a page that is similar to the one below.

The screenshot shows the MTG Events Connections website. At the top, there's a navigation bar with the MTG logo, "Start a New Connection", "Login", and "Signup". Below the navigation is a large, detailed illustration of a bearded man with a mustache, wearing a blue tunic and gold armor, holding a sword. On the left side of the main content area, there's a sidebar with a thumbnail of four people, event details (Hosted by Wizards of the Coast, Date: 4/26/2021, Time: 6:00 AM, Location: MTG Arena), and sections for "Details" and "Qualifications". The "Qualifications" section lists "Top 16 from either day of the Qualifier Tournament". Below this is a red-bordered box asking "Will you join the fight?", with three buttons: "Yes", "No", and "Maybe". At the bottom of the page are links for "© MTG Events Connections", "ABOUT", and "CONTACT".

Once on the page, the user will click on the yes, no, or maybe button depending on which RSVP best reflects the intended status of their attendance. After clicking on any of the three buttons, the user will be redirected to the saved connections page where they can see their newly added connection.

Update a RSVP'd Connection:

After a user has RSVP'd to a connections, they might want to change the status of their RSVP. To do so, the user will navigate to the saved connections page by clicking on “My Connections” or their username(see below).

MAGIC
THE GATHERING

Start a New Connection | My Connections | Signout

Levi

Connections

Welcome to Magic: The Gathering Event Connections

Attention all planeswalkers:
The battle for Kaldheim has begun!
Conjure your best spells, reserve your mana pools, and join the fight!

Click on *connections* to learn about the tournaments near you.

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Once on the saved connections page, they will see a screen similar to the one below.

MAGIC
THE GATHERING

Start a New Connection | My Connections | Signout

Levi

Connections

Levi's Saved Events

Events	Category	Fighting?	Options
2020 Magic Champions Showcase Season 3	Pro	Yes	Update Delete
League Weekend	Pro	Maybe	Update Delete

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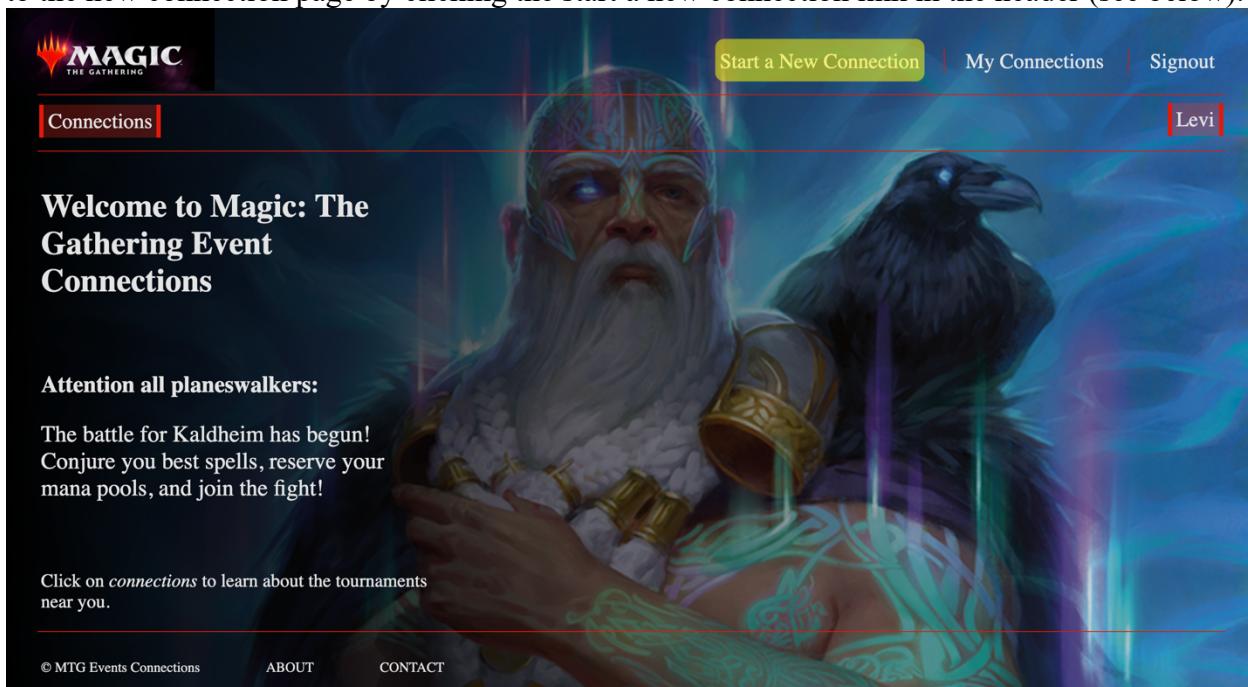
To update a connection RSVP, the user will click on the corresponding update button. Clicking that button will redirect them to the connection details page. On the details page, the user can update their connection in the same way they RSVP'd to the connection the first time.

Delete a RSVP'd connection:

After a user has RSVP'd to a connections, they might decide they no longer want to attend. In order to remove their RSVP, they will need to navigate to the saved connections page and click on the corresponding delete button. This process is similar to updating a RSVP, except the user is not directed away from the saved connections page.

Create a New Connection:

When a user decides they want to host their own connection, they will need to create one to share with everyone on the website. To create a new connection, the user will need to navigate to the new connection page by clicking the start a new connection link in the header (see below).



Once on the new connection page, the user will fill out all the fields with the information about their event, then click on the create connection button.

A screenshot of a "Start a New Connection" form. The background features a dark, dramatic illustration of a battlefield. The form itself has several input fields: "Topic" (with placeholder text "Topic"), "Name" (placeholder "Name"), "Details" (placeholder "Description"), "Where" (placeholder "Location"), and "When" (a date/time input field with placeholder "mm/dd/yyyy, --:--"). At the bottom is a red "Create Connection" button. A red box highlights the "Create Connection" button.

When they click on the create connection button, they will be redirected to the saved connections page where they can see the connection they just created.

Note: The user-created connections will have a red background as opposed to the normal transparent. See below.

The screenshot shows the MTG Events Connections website. At the top, there is a navigation bar with the MTG logo, 'Start a New Connection', 'My Connections', and 'Signout'. Below the navigation bar, the user's name 'Levi' is displayed in a red box. On the left, there is a 'Connections' button. The main content area is titled 'Levi's Saved Events' and displays a table of saved events. The table has columns for 'Events', 'Category', 'Fighting?', and 'Options'. The first two rows show events: '2020 Magic Champions Showcase Season 3' (Pro, Yes, Update/Delete) and 'League Weekend' (Pro, Maybe, Update/Delete). The third row is a new connection entry: 'New Connection' (Casual, Yes, Update>Delete), which has a red background. At the bottom of the page, there are links for '© MTG Events Connections', 'ABOUT', and 'CONTACT'.

Events	Category	Fighting?	Options
2020 Magic Champions Showcase Season 3	Pro	Yes	Update Delete
League Weekend	Pro	Maybe	Update Delete
New Connection	Casual	Yes	Update Delete

Update a User-Owned Connection:

After a user creates their own connection, they might need to update information about the connection. In order to do so, they will navigate to the saved connections page and click the update button that corresponds to the connection they want to update (the connection has to have a red background, otherwise only the RSVP can be updated. See the Update a RSVP'd Connection above for more information). Once the button is clicked, the user will be redirected to the new connection page with all the data fields auto-filled with the connection-to-be-updated's details.

The screenshot shows the MTG Events Connections website. At the top, there is a navigation bar with the MTG logo, 'Start a New Connection', 'My Connections', and 'Signout'. Below the navigation bar, the user's name 'Levi' is displayed in a red box. On the left, there is a 'Connections' button. The main content area shows a form for updating a connection. The form fields are: Topic (Casual), Name (New Connection), Details (This is a description), Where (MTG Arena), and When (05/27/2021, 18:50). At the bottom of the form is a red 'Update Connection' button.

The user can edit all the details that needed to be updated, then click the update connection button. This will update the connection and redirect the user to the saved connections page.

Delete a User-Owned Connection:

After a user creates their own connections, they might decide they can no longer host the event and need to delete it. In order to do so, they will navigate to the saved connections page and click the delete button that corresponds to the connection they want to delete. Once the connection is deleted, it will no longer be available to any user.

Note: The connection needs to have a red background, otherwise only the RSVP is deleted. See the Delete a RSVP'd connection for more information.