CPSC 304 Project Cover Page

Milestone #: ____4

Date: 04/05/2024

Group Number: ____100

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By typing our names and student numbers in the above table, we certify that the work in the attached assignment was performed solely by those whose names and student IDs are included above. (In the case of Project Milestone 0, the main purpose of this page is for you to let us know your e-mail address, and then let us assign you to a TA for your project supervisor.)

In addition, we indicate that we are fully aware of the rules and consequences of plagiarism, as set forth by the Department of Computer Science and the University of British Columbia

Milestone 4

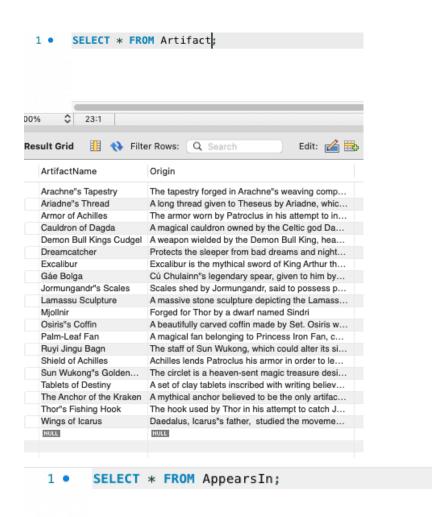
A short description of the final project, and what it accomplished.

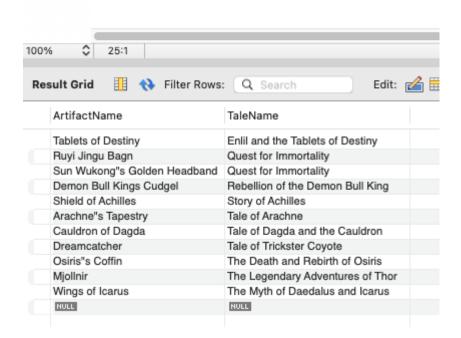
Our final project is a web application featuring six pages: Home, Add Entries, View Info, Edit Entries, Sort Entries, and Delete Entries. This web application uses all of its pages to educate and practise cultural preservation toward all mythologies in our database, whether ancient or modern. Users are greeted with a home page featuring a background and welcome message. From there, users can pick any one of the pages through our implemented top bar and interact with our data through viewing, adding, deleting, and searching. Our final project lets users quickly view any information they wish to learn, with the ease of adding, updating, and deleting entries. Users can also search for entries through keywords in the Search page.

A description of how your final schema differed from the schema you turned in.

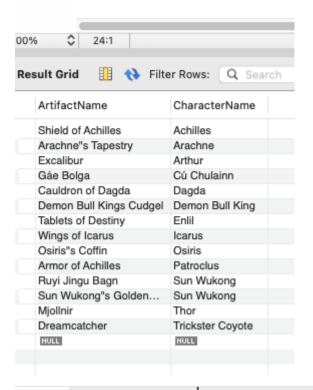
- Introduced DROP TABLE IF EXISTS commands for each table to ensure a clean state before table creation
- Created a unified "Characters" table and having 'Deity', 'Mortal', and 'Creature' linking back to 'Characters' for common attributes
- Changed foreign key references for 'PartOf' to be more accurate, since previously we said it referenced a table, but now we are being specific that it references a certain attribute within 'Character' and 'Tale'
- For 'StoryEvent' table, added that the attribute 'LocationName' has a default 'anywhere'. This is because there are a lot of stories that take place across multiple locations.

A copy of the schema and screenshots that show what data is present in each relation after the SQL script from item #2 is run.

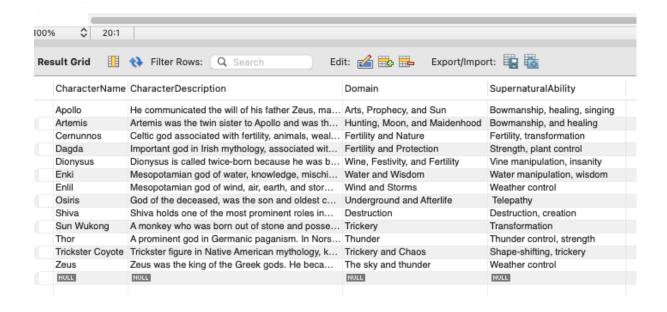




1 • SELECT * FROM BelongsTo;



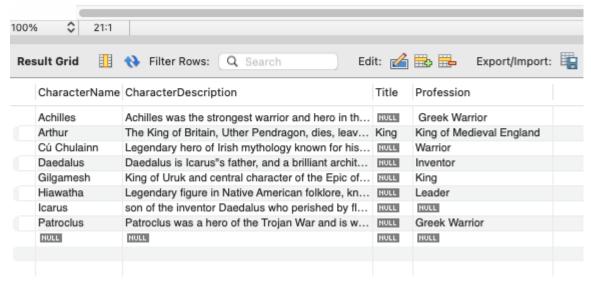
1 • SELECT * FROM Deity;



1 • SELECT * FROM Location;

ult Grid 🔢 솫	Filter Rows: Q Search Edit:	<u>r</u>
LocationName	AreaDescription	TimePeriod
anywhere	used for ambiguous tales and events	anytime
Athens	A city in ancient Greece, home to many myths	classical antiquity
Athens	A city in modern day Greece	modern
Avalon		medieval
Camelot	The legendary court of King Arthur, described a	medieval
Cedar Forest	A mythical forest guarded by the demon Humba	early dynastic period
Celtic Lands	The collection of Celtic territories, encompassin	pre-medieval
Crete	A city of ancient Greece, home to King Minos an	
Delphi	A city of Ancient Greece, home to the Delphi Or	classical antiquity
Flaming Mountains		Tang Dynasty
Gates of Assyria	The monumental entrance to Assyrian cities, gu	ancient
Great Plains	Expansive area in the central part of North Amer	anytime
Island of Sarpedon	An isolated island where Medusa was said to live.	classical antiquity
Ithaca	The island birthplace of Odysseus	classical antiquity
Labyrinth of Crete	A prison constructed under Crete built to hide th	bronze age
Mashu	The twin-peaked mountain with the gate leading	early dynastic period
Mesopotamia	An ancient region located in the eastern Mediter	classical antiquity
Midgard	The realm of humanity in Norse mythology, enci	viking age
Mt. Olympus	Mount Olympus is the mythological home of the	anytime
Nepal	A landlocked country in South Asia, home to the	modern
North America	A continent comprising of various indigenous cul	modern
Northern Seas	The cold, unforgiving waters surrounding Scand	viking age
Olympia	A city of ancient Greece, birthplace of the Olym	classical antiquity
River Styx	A river running through the Greek underworld, s	anytime
Scottish Lochs	Freshwater lochs in Scotland, rumored to be inh	pre-medieval
Serifos	Cyclops island, home to Poseidon's children	classical antiquity
Troy	The city of Troy, site of the Trojan war	classical antiquity
Ulster	A province in the north of Ireland, the setting for	Iron Age
Uruk	An ancient city-state in Sumer, present-day Iraq,	early dynastic period

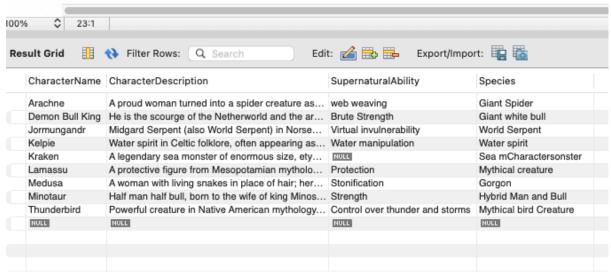
1 • SELECT * FROM Mortal;



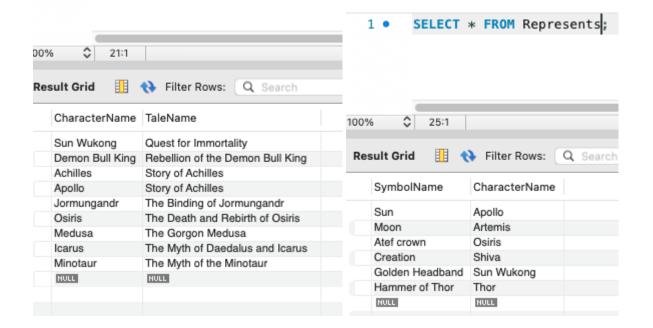
1 • SELECT * FROM Pantheon;



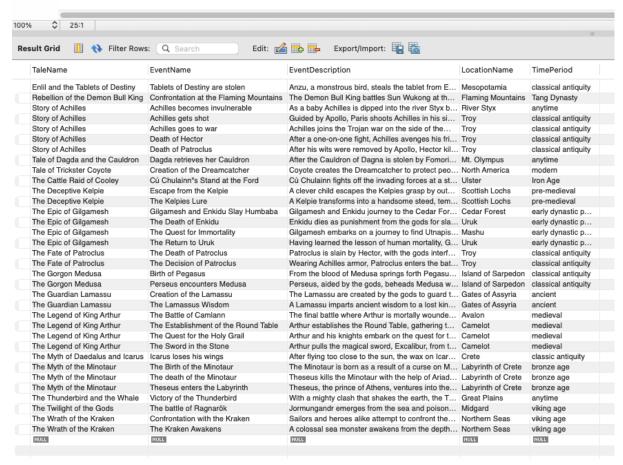
1 • SELECT * FROM Creature;



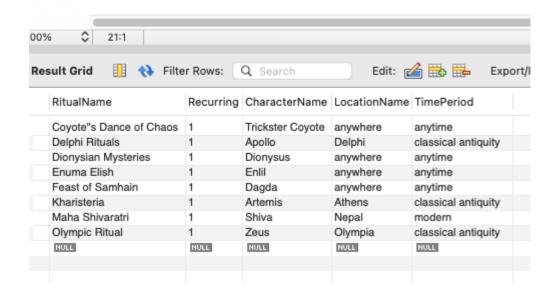
1 • SELECT * FROM PartOf;



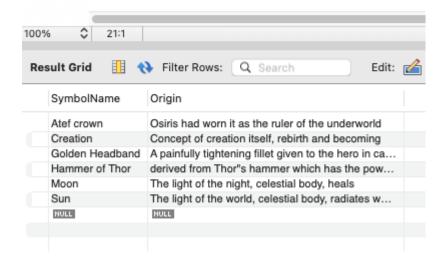
1 • SELECT * FROM StoryEvent;

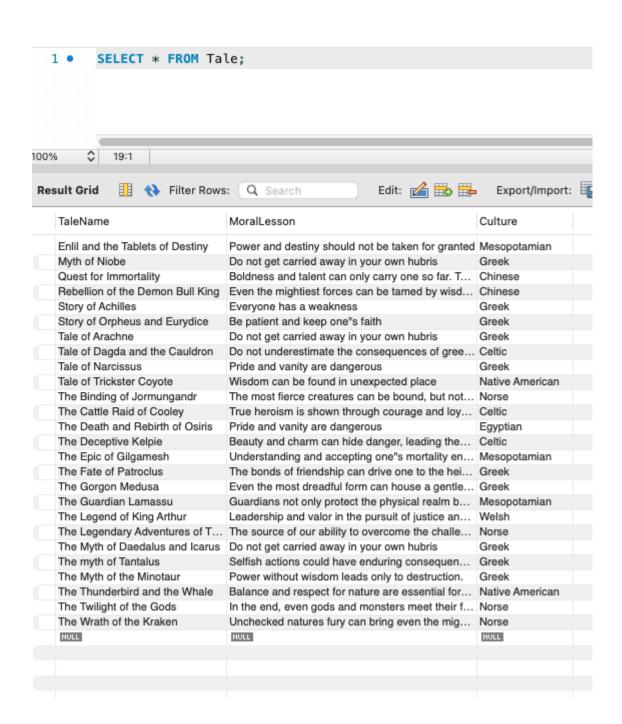


1 • SELECT * FROM Ritual;



1 • SELECT * FROM Symbol;





A list of all SQL queries used and where it can be found in the code (i.e., file name and line number(s)). For SQL query requirements, check the rubric listed on Canvas for Milestone 4.

All queries can be found in the server.js file in backend/database/server.js INSERT queries

```
Line 37:     const query = `INSERT INTO Artifact (artifactName, origin)
VALUES (?, ?)`;
```

```
const query = `INSERT INTO AppearsIn (artifactName, taleName)
VALUES (?, ?) `;
Line 67 const query = `INSERT INTO BelongsTo (artifactName,
characterName) VALUES (?, ?) `;
characterDescription) VALUES (?, ?)';
characterDescription, supernaturalAbility, species) VALUES (?, ?, ?,
Line 107 const query1 = 'INSERT INTO Characters (characterName,
characterDescription) VALUES (?, ?)';
Line 108 const query2 = `INSERT INTO Deity (deityName,
characterDescription, domain, supernaturalAbility) VALUES (?, ?, ?,
?)`;
Line 133
         const query = `INSERT INTO Location (locationName,
areaDescription, timePeriod) VALUES (?, ?, ?) `;
Line 148   const query1 = 'INSERT INTO Characters (characterName,
characterDescription) VALUES (?, ?)';
Line 149 const query2 = 'INSERT INTO Mortal (characterName,
characterDescription, title, profession) VALUES (?, ?, ?, ?)';
VALUES (?, ?) `;
Line 190   const query = `INSERT INTO PartOf (characterName, taleName)
VALUES (?, ?) `;
Line 204 const query = `INSERT INTO Represents (symbolName,
characterName) VALUES (?, ?) `;
        const guery = `INSERT INTO Ritual (ritualName, recurring,
Line 218
characterName, locationName, timePeriod) VALUES (?, ?, ?, ?, ?) `;
Line 232 const query = `INSERT INTO StoryEvent (taleName, eventName,
eventDescription, locationName, timePeriod) VALUES (?, ?, ?, ?, ?) `;
Line 246 const query = `INSERT INTO Symbol (symbolName, origin) VALUES
(?, ?)`;
Line 260 const query = `INSERT INTO Tale (taleName, moralLesson,
culture) VALUES (?, ?, ?) `;
SELECT queries
Line 274 const query = "SELECT * FROM Pantheon;"
Line 288 const query = "SELECT * FROM AppearsIn;"
Line 302 const query = "SELECT * FROM Artifact;"
Line 316 const query = "SELECT A1.ArtifactName, T.Culture, A1.Origin
FROM Artifact A1, AppearsIn a2, Tale T WHERE A1.ArtifactName =
A2.ArtifactName AND A2.TaleName = T.TaleName;"
Line 330
       const query = "SELECT * FROM BelongsTo;"
Line 344    const query = "SELECT * FROM Creature;"
Line 358 const query = "SELECT * FROM Deity;"
Line 372 const query = "SELECT CharacterName, Domain,
Supernatural Ability, Culture FROM Deity;"
```

```
Line 386 const query = "SELECT * FROM Location;"
Line 400 const query = "SELECT * FROM Mortal;"
Line 414 const query = "SELECT * FROM PartOf;"
Line 428     const query = "SELECT * FROM PartOf ORDER BY CharacterName
ASC;"
Line 442 const query = "SELECT PartOf.CharacterName, PartOf.TaleName,
Tale.Culture FROM PartOf, Tale WHERE PartOf.TaleName = Tale.TaleName
GROUP BY Tale.Culture, PartOf.CharacterName, PartOf.TaleName ORDER BY
Tale.Culture ASC;"
Line 456 const query = "SELECT * FROM Represents;"
Line 470 const query = "SELECT * FROM Ritual;"
Line 484 const query = "SELECT * FROM StoryEvent;"
Line 498 const query = "SELECT * FROM Symbol;"
Line 512 const query = "SELECT * FROM Tale;"
UPDATE gueries
Line 529 const query = 'UPDATE Pantheon SET pantheonName = ? WHERE
culture = ?;';
Line 544 const query = 'UPDATE Artifact SET origin = ? WHERE
artifactName = ?;';
Line 559 const query = 'UPDATE Symbol SET origin = ? WHERE symbolName =
?;!;
Line 574 const query = 'UPDATE PartOf SET taleName = ? WHERE
characterName = ?;';
Line 589 const query = 'UPDATE Represents SET characterName = ? WHERE
symbolName = ?;';
Line 605-610 const query1 = `
  UPDATE Characters
 SET
  characterDescription = ?
  WHERE characterName = ?:
Line 611 - 618 const query2 = `
  UPDATE Deity
  SET
   characterDescription = ?.
   domain = ?
  supernaturalAbility = ?
  WHERE deityName = ?;
Line 645 - 658 const query 1 = `
  UPDATE Characters
   characterDescription = ?
 WHERE characterName = ?;
```

```
const query2 = `
  UPDATE Creature
  SET
  characterDescription = ?,
  superNaturalAbility = ?,
  species = ?
  WHERE creatureName = ?;
`:
```

Line 685-690

```
const query = `
   UPDATE Location
  SET
   areaDescription = ?
  WHERE locationName = ? AND timePeriod = ?;
  ;
}
```

Line 707-720

```
const query1 = `
   UPDATE Characters
   SET
        characterDescription = ?
   WHERE characterName = ?;

;;
const query2 = `
   UPDATE Mortal
   SET
        characterDescription = ?,
        title = ?,
        profession = ?
   WHERE mortalName = ?;

;;
```

Line 747 - 755

```
const query = `
  UPDATE Ritual
SET
  Recurring = ?,
  CharacterName = ?,
  Location = ?,
  TimePeriod = ?
WHERE RitualName = ?;
;
```

Line 772 - 778

```
const query = `
  UPDATE Tale
  SET
  moralLesson = ?,
  culture = ?
  WHERE taleName = ?;
`;
```

Line 795 - 802

```
const query = `
  UPDATE StoryEvent
SET
   eventDescription = ?,
  locationName = ?,
  timePeriod = ?
WHERE taleName = ? AND eventName = ?;
;
```

DELETE queries

```
Line 821 const query = 'DELETE FROM Pantheon WHERE culture = ?;';
Line 837 const query = 'DELETE FROM Artifact WHERE artifactName = ?;';
Line 853 const query = 'DELETE FROM Ritual WHERE ritualName = ?;';
Line 869 const query = 'DELETE FROM Symbol WHERE symbolName = ?;';
Line 885 const query = 'DELETE FROM Tale WHERE taleName = ?;';
Line 902 const query = 'DELETE FROM Character WHERE characterName = ?;';
Line 918 const query = 'DELETE FROM Character WHERE characterName = ?;';
Line 934 const query = 'DELETE FROM Character WHERE characterName = ?;';
Line 951 const query = 'DELETE FROM PartOf WHERE characterName = ?;';
Line 967 const query = 'DELETE FROM Represents WHERE symbolName = ?;';
Line 983 - 986
```

```
const query = `
  DELETE FROM BelongsTo
  WHERE artifactName = ? AND characterName = ?;
`;
```

Line1004 - 1007

```
const query = `
  DELETE FROM AppearsIn
  WHERE artifactName = ? AND taleName = ?;
`;
```

Line 1024 - 1027

```
const query = `
  DELETE FROM Location
  WHERE locationName = ? AND areaDescription = ?;
`;
```

HAVING queries

Line 1044 const query = "SELECT COUNT(CharacterName) as CharacterCount,
Culture FROM PartOf GROUP BY Culture HAVING CharacterCount > 5;"

GROUP BY queries (may have also been other query too)

Line 442 const query = "SELECT PartOf.CharacterName, PartOf.TaleName,
Tale.Culture FROM PartOf, Tale WHERE PartOf.TaleName = Tale.TaleName
GROUP BY Tale.Culture, PartOf.CharacterName, PartOf.TaleName ORDER BY
Tale.Culture ASC;"

Line 1044

const query = "SELECT COUNT(CharacterName) as CharacterCount, Culture
FROM PartOf GROUP BY Culture HAVING CharacterCount > 5;"

PROJECTION

```
Line 1057    const query = "SELECT LocationName, AreaDescription,
TimePeriod FROM Location";
```

Screenshots demonstrating the functionality of each query using the GUI. We want to see a before/during/after progression of events. For example, the before screenshot would be what data is in the table before you run the query, the during screenshot(s) is how the query is triggered using the GUI, and the after screenshot is what data is in your table afterwards. Please label each set of screenshots with the name of the query it is meant to address (e.g., "Insert Operation")

INSERT OPERATION Before:

(Main Menu	Add Entries	View Info	Edit Entries	Sort Entries	Delete Entries

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Locations

Location	Description	Time Period
anywhere	anywhere	anytime
Athens	A city in ancient Greece, home to many myths	classical antiquity
Athens	A city in modern day Greece	modern
Avalon	The mystical island where Arthur was taken to heal after his final battle.	medieval
Camelot	The legendary court of King Arthur, described as a place of great knights and grandeur.	medieval
Cedar Forest	A mythical forest guarded by the demon Humbaba, slain by Gilgamesh and Enkidu on their quest.	early dynastic period
Celtic Lands	The collection of Celtic territories, encompassing Ireland, Scotland, Wales and England	pre-medieval
Crete	A city of ancient Greece, home to King Minos and the Labyrinth	classic antiquity
Delphi	A city of Ancient Greece, home to the Delphi Oracle and worshippers of Apollo	classical antiquity
Flaming Mountains	A mythical mountain in Journey to the West, often associated with extreme heat and challenging trials.	Tang Dynasty
Gates of Assyria	The monumental entrance to Assyrian cities, guarded by colossal Lamassu sculptures to ward off evil.	ancient
Great Plains	Expansive area in the central part of North America, where many tribes have stories of the Thunderbird.	anytime
Island of Sarpedon	An isolated island where Medusa was said to live.	classical antiquity
Ithaca	The island birthplace of Odysseus	classical antiquity
Labyrinth of Crete	A prison constructed under Crete built to hide the Minotaur from the world	bronze age
Mashu	The twin-peaked mountain with the gate leading to the Cedar Forest, through which Gilgamesh passes on his quest for immortality.	early dynastic period
Mesopotamia	An ancient region located in the eastern Mediterranian, known as the land between the rivers	6000 years ago
Midgard	The realm of humanity in Norse mythology, encircled by the giant serpent Jormungandr.	viking age

Welcome to the Insert Page, here you can add additional info into the database If you refer to another entry but it doesnt exist, the new entry wont be added

Location	
Location Name:	testLocation
Area Description:	
Time Period:	dummy location
	anytime
	Submit

During:

After:



Locations

Location	Description	Time Period
anywhere	anywhere	anytime
Athens	A city in ancient Greece, home to many myths	classical antiquity
Athens	A city in modern day Greece	modern
Avalon	The mystical island where Arthur was taken to heal after his final battle.	medieval
Camelot	The legendary court of King Arthur, described as a place of great knights and grandeur.	medieval
Cedar Forest	A mythical forest guarded by the demon Humbaba, slain by Gilgamesh and Enkidu on their quest.	early dynastic period
Celtic Lands	The collection of Celtic territories, encompassing Ireland, Scotland, Wales and England	pre-medieval
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Gates of Assyria	The monumental entrance to Assyrian cities, guarded by colossal Lamassu sculptures to ward off evil.	ancient
Great Plains	Expansive area in the central part of North America, where many tribes have stories of the Thunderbird.	anytime
Island of Sarpedon	An isolated island where Medusa was said to live.	classical antiquity
Ithaca	The island birthplace of Odysseus	classical antiquity
Labyrinth of Crete	A prison constructed under Crete built to hide the Minotaur from the world	bronze age
Mashu	The twin-peaked mountain with the gate leading to the Cedar Forest, through which Gilgamesh passes on his quest for immortality.	early dynastic period
Mesopotamia	An ancient region located in the eastern Mediterranian, known as the land between the rivers	6000 years ago
Midgard	The realm of humanity in Norse mythology, encircled by the giant serpent Jormungandr.	viking age
Mt. Olympus	Mount Olympus is the mythological home of the gods. It is snowy-peaked and scattered with the palaces of the gods	anytime
Nepal	A landlocked country in South Asia, home to the Himalayan Mountain range	modern
North America	A continent comprising of various indigenous cultures and tribes. These lands have since been stolen	modern
Northern Seas	The cold, unforgiving waters surrounding Scandinavia, reputed to be home to the Kraken.	viking age
Olympia	A city of ancient Greece, birthplace of the Olympics	classical antiquity
River Styx	A river running through the Greek underworld, separating the dead from the living	anytime
Scottish Lochs	Freshwater lochs in Scotland, rumored to be inhabited by Kelpies.	pre-medieval
Serifos	Cyclops island, home to Poseidon's children	classical antiquity
testLocation	dummy location	anytime
Troy	The city of Troy, site of the Trojan war	classical antiquity
Ulster	A province in the north of Ireland, the setting for many of Cú Chulainn's heroic exploits.	Iron Age
Uruk	An ancient city-state in Sumer, present-day Iraq, ruled by Gilgamesh and the setting for many of his adventures.	early dynastic period

SELECT OPERATION

Before:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Deities

Hide Descriptions

Name	Description	Domain	Supernatural Ability	Culture
Apollo	He communicated the will of his father Zeus, made humans aware of their guilt and purified them of it, presided over religious and civil law, and foretold the future. His bow symbolized distance, death, terror, and awe; his lyre symbolized music, poetry, and dance.	Arts, Prophecy, and Sun	Bowmanship, healing, singing	Greek
Artemis	Artemis was the twin sister to Apollo and was the daughter of Zeus and Leto. Both Apollo and Artemis took revenge against anyone who attempted to harm their mother. Apollo and Artemis slew the giant Tityus and killed the children of the mortal woman Niobe	Hunting, Moon, and Maidenhood	Bowmanship, and healing	Greek
Cernunnos	Celtic god associated with fertility, animals, wealth, and the underworld.	Fertility and Nature	Fertility, transformation	Celtic
Dagda	Important god in Irish mythology, associated with agriculture, fertility, and protection, known for his strength and magical club.	Fertility and Protection	Strength, plant control	Celtic
Dionysus	Dionysus is called twice-born because he was born from Semele and then, while she was dying, Zeus saved him by sewing him up in his thigh and keeping him there until he reached maturity. He then "gave birth" to Dionysus, thus making him twice-born.	Wine, Festivity, and Fertility	Vine manipulation, insanity	Greek
Enki	Mesopotamian god of water, knowledge, mischief, crafts, and creation.	Water and Wisdom	Water manipulation, wisdom	Mesopotamia
Enlil	Mesopotamian god of wind, air, earth, and storms, considered one of the chief gods in the Mesopotamian pantheon.	Wind and Storms	Weather control	Mesopotamia

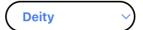
During: (the code that demonstrates how its called when button pressed)

```
app.get('/api/fetch/Deity', (req, res) => {
 console.log('Fetch Deity called');
const query = "SELECT * FROM Deity;"
 db.query(query, (err,results) => {
   if (err) {
     console.error('Error fetching Deity data:', err);
      res.status(500).send('Error fetching Deity data');
   } else {
     console.log('Deity data fetched successfully');
     res.json(results);
app.get('/api/fetch/DeityNoDesc', (req, res) => {
 console.log('Fetch Deity called');
 const query = "SELECT CharacterName, Domain, SupernaturalAbility, Culture FROM Deity;"
 db.query(query, (err,results) => {
     console.error('Error fetching Deity data:', err);
     res.status(500).send('Error fetching Deity data');
     console.log('Deity data fetched successfully');
     res.json(results);
```

After:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Deities

Show Descriptions

Name	Domain	Supernatural Ability	Culture
Apollo	Arts, Prophecy, and Sun	Bowmanship, healing, singing	Greek
Artemis	Hunting, Moon, and Maidenhood	Bowmanship, and healing	Greek
Cernunnos	Fertility and Nature	Fertility, transformation	Celtic
Dagda	Fertility and Protection	Strength, plant control	Celtic
Dionysus	Wine, Festivity, and Fertility	Vine manipulation, insanity	Greek
Enki	Water and Wisdom	Water manipulation, wisdom	Mesopotamian
Enlil	Wind and Storms	Weather control	Mesopotamian
Osiris	Underground and Afterlife	Telepathy	Egyptian
Shiva	Destruction	Destruction, creation	Hindu
Sun Wukong	Trickery	Transformation	Chinese
Thor	Thunder	Thunder control, strength	Norse
Trickster Coyote	Trickery and Chaos	Shape-shifting, trickery	Native American
Zeus	The sky and thunder	Weather control	Greek

UPDATE OPERATION

Before:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!

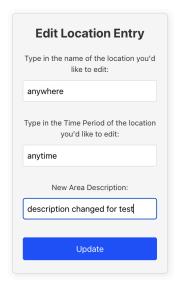


Locations

Location	Description	Time Period
anywhere	anywhere	anytime
Athens	A city in ancient Greece, home to many myths	classical antiquity
Athens	A city in modern day Greece	modern
Avalon	The mystical island where Arthur was taken to heal after his final battle.	medieval
Camelot	The legendary court of King Arthur, described as a place of great knights and grandeur.	medieval
Cedar Forest	A mythical forest guarded by the demon Humbaba, slain by Gilgamesh and Enkidu on their quest.	early dynastic period
Celtic Lands	The collection of Celtic territories, encompassing Ireland, Scotland, Wales and England	pre-medieval
Crete	A city of ancient Greece, home to King Minos and the Labyrinth	classic antiquity
Delphi	A city of Ancient Greece, home to the Delphi Oracle and worshippers of Apollo	classical antiquity
Flaming Mountains	A mythical mountain in Journey to the West, often associated with extreme heat and challenging trials.	Tang Dynasty
Gates of Assyria	The monumental entrance to Assyrian cities, guarded by colossal Lamassu sculptures to ward off evil.	ancient
Great Plains	Expansive area in the central part of North America, where many tribes have stories of the Thunderbird.	anytime
Island of Sarpedon	An isolated island where Medusa was said to live.	classical antiquity

Welcome to the Editing Page, select a table from the drop-down to start editing an entry





During:

After:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Locations

Location	Description	Time Period
anywhere	description changed for test	anytime
Athens	A city in ancient Greece, home to many myths	classical antiquity
Athens	A city in modern day Greece	modern
Avalon	The mystical island where Arthur was taken to heal after his final battle.	medieval
Camelot	The legendary court of King Arthur, described as a place of great knights and grandeur.	medieval
Cedar Forest	A mythical forest guarded by the demon Humbaba, slain by Gilgamesh and Enkidu on their quest.	early dynastic period
Celtic Lands	The collection of Celtic territories, encompassing Ireland, Scotland, Wales and England	pre-medieval
Crete	A city of ancient Greece, home to King Minos and the Labyrinth	classic antiquity
Delphi	A city of Ancient Greece, home to the Delphi Oracle and worshippers of Apollo	classical antiquity
Flaming Mountains	A mythical mountain in Journey to the West, often associated with extreme heat and challenging trials.	Tang Dynasty
Gates of Assyria	The monumental entrance to Assyrian cities, guarded by colossal Lamassu sculptures to ward off evil.	ancient
Great Plains	Expansive area in the central part of North America, where many tribes have stories of the Thunderbird.	anytime
Island of Sarpedon	An isolated island where Medusa was said to live.	classical antiquity

DELETE OPERATION

Before:



Artifacts

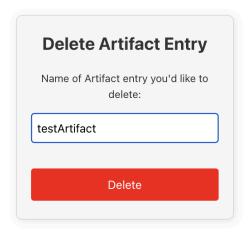
	Show Culture
Artifact	Origin
Arachne"s Tapestry	The tapestry forged in Arachne's weaving competition with Athena that won. This tapestry was torn to pieces because Athena was envious of Arachne's skills, but it still stands that Arachne's Tapestry was magnificent enough to beat the Gods
Ariadne"s Thread	A long thread given to Theseus by Ariadne, which he used to navigate the complex Labyrinth.
Armor of Achilles	The armor worn by Patroclus in his attempt to inspire the Greeks and intimidate the Trojans, leading to his tragic death.
Cauldron of Dagda	A magical cauldron owned by the Celtic god Dagda. It is said to be bottomless and always full of food and drink. There are rumors that it also possess healing powers
Demon Bull King's Cudgel	A weapon wielded by the Demon Bull King, heavy enough to shake the mountains, symbolizing his brute strength.
Dreamcatcher	Protects the sleeper from bad dreams and nightmares by filtering them out during sleep
Excalibur	Excalibur is the mythical sword of King Arthur that may possess magical powers or be associated with the rightful sovereignty of Britain.
Gáe Bolga	Cú Chulainn's legendary spear, given to him by his teacher Scáthach, known for its deadly ability to inflict mortal wounds from which no enemy could recover.
Jormungandr*s Scales	Scales shed by Jornungandr, said to possess protective properties against harm.
Lamassu Sculpture	A massive stone sculpture depicting the Lamassu, believed to protect cities from invaders and evil spirits.
Mjollnir	Forged for Thor by a dwarf named Sindri
Osiris"s Coffin	A beautifully carved coffin made by Set. Osiris was tricked by Set, his brother, to enter the chest, and was enclosed inside it by 72 accomplices of Set. Set flung the coffer in the Nile so that it would drift far away.
Palm-Leaf Fan	A magical fan belonging to Princess Iron Fan, capable of quenching the flames of the Flaming Mountains. Stolen and used by Sun Wukong in his quest to subdue the Demon Bull King.
Ruyi Jingu Bagn	The staff of Sun Wukong, which could alter its size from a tiny needle to a mighty pillar
Shield of Achilles	Achilles lends Patroclus his armor in order to lead the Achaean army into battle. Ultimately, Patroclus is killed in battle by Hector, and Achilles" armor is stripped from his body and taken by Hector as spoils. The loss of his companion prompts Achilles to return to battle, and the god Hephaestus forges Achilles a shield with spectacular decorative imagery.
Sun Wukong"s Golden Headband	The circlet is a heaven-sent magic treasure designed to reign in the immortals* unruly, rebellious nature
Tablets of Destiny	A set of clay tablets inscribed with writing believed to control the fate of the universe
testArtifact	for testing purposes
The Anchor of the Kraken	A mythical anchor believed to be the only artifact capable of holding the Kraken at bay, lost in the Northern Seas.
Thor"s Fishing Hook	The hook used by Thor in his attempt to catch Jornungandr.
Wings of Icarus	Daedalus, icarus''s father, studied the movements of birds and built a device mimicking them. He then laid down multiple feathers in a row from shortest to longest and tied them together using beeswax and thread. However, Daedalus warned icarus not to fly too high, because the heat of the sun would melt the beeswax (holding his feathers together) and the wings would break, nor too low, because the sea foam would soak the feathers and make them heavy and his would fall

During:

Welcome to the Deletion Page, select a table from the drop-down to start deleting entries

To delete entries, type in the primary key name of the entry you'd like to erase





After:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Artifacts

	Show Culture
Artifact	Origin
Arachne"s Tapestry	The tapestry forged in Arachne's weaving competition with Athena that won. This tapestry was torn to pieces because Athena was envious of Arachne's skills, but it still stands that Arachne's Tapestry was magnificent enough to beat the Gods
Ariadne"s Thread	A long thread given to Theseus by Ariadne, which he used to navigate the complex Labyrinth.
Armor of Achilles	The armor worn by Patroclus in his attempt to inspire the Greeks and intimidate the Trojans, leading to his tragic death.
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GROUP BY OPERATION

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Sort by: Default

Part Of

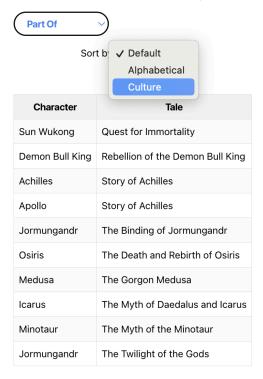
Character	Tale
Sun Wukong	Quest for Immortality
Demon Bull King	Rebellion of the Demon Bull King
Achilles	Story of Achilles
Apollo	Story of Achilles
Jormungandr	The Binding of Jormungandr
Osiris	The Death and Rebirth of Osiris
Medusa	The Gorgon Medusa
Icarus	The Myth of Daedalus and Icarus
Minotaur	The Myth of the Minotaur
Jormungandr	The Twilight of the Gods

Before:

During:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



After:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Character	Tale	Culture
Demon Bull King	Rebellion of the Demon Bull King	Chinese
Sun Wukong	Quest for Immortality	Chinese
Osiris	The Death and Rebirth of Osiris	Egyptian
Achilles	Story of Achilles	Greek
Apollo	Story of Achilles	Greek
Icarus	The Myth of Daedalus and Icarus	Greek
Medusa	The Gorgon Medusa	Greek
Minotaur	The Myth of the Minotaur	Greek
Jormungandr	The Binding of Jormungandr	Norse
Jormungandr	The Twilight of the Gods	Norse

HAVING OPERATION

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Pantheons

Display Pantheons with more than one Tale associated

Culture	Pantheon
Celtic	Deities of Celtic Mythology
Chinese	Chinese Mythology
Egyptian	Egyptian Gods and Goddesses
Greek	Gods of Olympus
Hindu	Hindu Mythology
Mesopotamian	Gods and Spirits of Mesopotamia
Native American	Native American Mythology
Norse	Asgardian Gods
Welsh	Arthurian Legends

Before:

During: (code that shows how its called from tick box)

```
app.get('/api/fetch/TaleHaving', (req, res) => {
    console.log('Fetch Tale called');
    const query = "SELECT p.Culture, p.PantheonName FROM Pantheon p, Tale t WHERE p.Culture = t.Culture GROUP BY p.Culture HAVING COUNT(t.taleName) >= 2;"
    db.query(query, (err, results) => {
        if (err) {
            console.error('Error fetching Tale data:', err);
            res.status(500).send('Error fetching Tale data');
        } else {
            console.log('Tale data fetched successfully');
            res.json(results);
        }
};
};
```

After:

Welcome to the View Page, select a table from the drop-down to view its data

To edit entries, double click a row, and then click on the cell you want to edit within that row Make sure to press "Enter" to save a change!



Pantheons

Display Pantheons with more than one Tale associated



•		
Culture	Pantheon	
Celtic	Deities of Celtic Mythology	
Chinese	Chinese Mythology	
Greek	Gods of Olympus	
Mesopotamian	Gods and Spirits of Mesopotamia	
Native American	Native American Mythology	
Norse	Asgardian Gods	