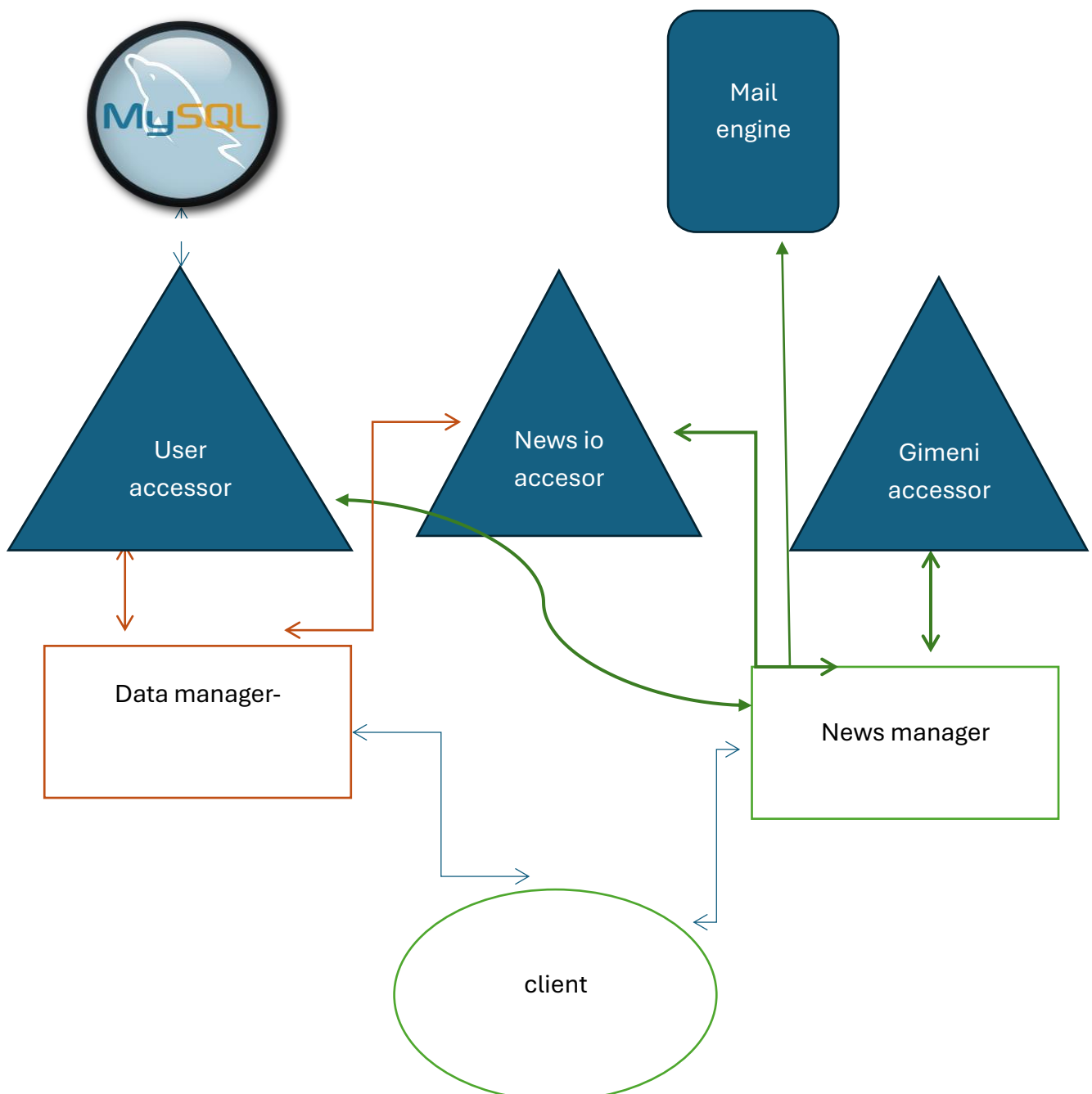


News ai project

Project Description

This project manages user registration via email, allowing users to save testimonies in up to five languages. Users can also receive recent news updates tailored to their preferences.

Architecture



Services

User Accessor-Spring boot : Used for storing user data by establishing communication with the database.

port:7002

Note: Make sure that a folder named `mySqlData` exists.
connect to MySQL DB.

News IO Accessor-Spring boot: Receives requests to get the latest articles from newsData.io. the communication base on restApi . It also returns information about available categories and possible languages.

port:7003

Gimeni Accessor- python: Manages communication with GIMENI, filters the articles, and returns the complete summary in JSON format.

port:7004

Data Manager-Spring boot: Manages communication with the User Accessor, ensuring there are no duplicates and that the inputs are valid.

port:7001

News Manager-Spring boot: Receives a request from the user and initiates the process of fetching articles.

port:7000

Mail Sender-Spring boot: Receives information and sends it to the requested address. He send the mail on Gamil- ohhana@g.jct.ac.il.

port:7005

API

port	Request type	Request	Parameters	goal
7001	delete	deleteUser	Email	Delete user
7001	post	saveUser	{ "email": "<email", "name": "<name>" }	Create anew user
7001	get	getUser/<email>	Email	Get user name
7001	put	updateName	{ "email": "<email", "name": "<name>" }	Change a user name
7001	put	updateMail	oldEmail , newEmail	Replace all user email
7001	Post	saveLanguage	{ "email": "<email>", "language": "<language>" }	Save new language. the maximum language you can save his 5.
7001	Get	getLanguagees	Email	
7001	Get	getLanguageesCode	Email	Return the all language code for user
7001	Delete	deleteLanguage	{ "languageKey":{ "email": "sustujbv167@gmail.com", "language": "Czech"}, "language_code": "cs" }	
7001	put	updateLanguage	{ "oldLanguage":{ "email": "sustujbv167@gmail.com", "language": "Gujarati" }, "newLanguage":{ "email": "sustujbv167@gmail.com", "language": "Bambara" } }	
7001	post	saveCategory		

			<pre>{ "category":{ "email":"sustujbv167@gmail.com }, "preferencec":"d", "category":"food" }</pre>	
7001	get	getPreferencecByCategory	Email,category	
7001	Get	myCategories	email	Return all category and preferencec
7001	Dalete	deletePreferencec	<pre>{ "category":{ "email":"sustujbv167@gmail.com", "preferencec":"mause", "category":"technology" } }</pre>	
7001	Delete	deleteCategory	Email,category	Delete the all category
7001	Put	updateCategory	oldCategory,newCategory, email	Change category name
7001	Put	updatePreferencec	oldPreferencec, newPreferencec, email, category	
7001	Put	updateAll	<pre>{ "oldCategory":{ "category":{ "email":"sustujbv167@gmail.com", "preferencec":"d", "category":"top" }}, "newCategory":{ "category":{ "email":"sustujbv167@gmail.com", "preferencec":"c", "category":"sports" }} }</pre>	Change the category and the preference
7000	Get	getLatestNews	Email	Send number of news without considering preferences at all
7000	Get	getLatestNewsByCategory	Email,category	Send number of news from specific category and specific preference
7000	Get	getLatestListNewsByCategories	Emai	Send number of news base on categories and

				languages of user
7000	Get	getCategories		Return the all categories allow
7000	Get	getLanguages		Return the all languages allow
7000	Get	checkCategory	Category	Check if specific category allow
7000	Get	getLanguageCode	Language	Return the language code
7000	Get	maximumLanguage		Return the maximum language that user can save