



**Informatikos fakultetas**

**T120B162**

**T120B165 Saityno taikomųjų programų projektavimas  
Projekto "TVS" ataskaita**

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# 1. SPRENDŽIAMO UŽDAVINIO APRAŠYMAS

## 1.1. SISTEMOS PASKIRTIS

Projekto tikslas - sukurti turinio valdymo sistemą dienoraštininkams.

Veikimo principas - pačią kuriamą platformą sudaro dvi dalys: internetinė aplikacija, kuria naudosis rašytojai, svečiai ir administratoriai, bei aplikacijų programavimo sąsaja (angl. trump. API). Rašytojas, norėdamas naudotis šia platforma, prisiregistruos prie internetinės aplikacijos, sukurs savo dienoraštį, galės rašyti straipsnius, saugoti juodarščius, rašyti ir trinti komentarus. Skaitytojas galės skaityti dienoraščių straipsnius ir palikti po jais komentarus, taip pat galės įvertinti straipsnius. Administratorius galės trinti dienoraščius, straipsnius, komentarus.

## 1.2. FUNKCINIAI REIKALAVIMAI

Neregistruotas sistemos naudotojas galės:

1. Peržiūrėti platformos reprezentacinį puslapį
2. Perskaityti straipsnius
3. Užsiregistruoti ir susikurti paskyrą

Registruotas sistemos naudotojas (rašytojas) galės:

1. Prisijungti prie sistemos
2. Atsijungti nuo sistemos
3. Peržiūrėti savo sukurtus straipsnius
4. Sukurti, redaguoti, ištrinti straipsnį
5. Sukurti, redaguoti, ištrinti komandą:
  - 5.1. Pridėti prie komandos vartotoją
  - 5.2. Išmesti iš komandos vartotoją
  - 5.3. Peržiūrėti komandai priklausančius straipsnius
  - 5.4. Peržiūrėti komandos nario kamandoje parašytus straipsnius

Administratorius galės:

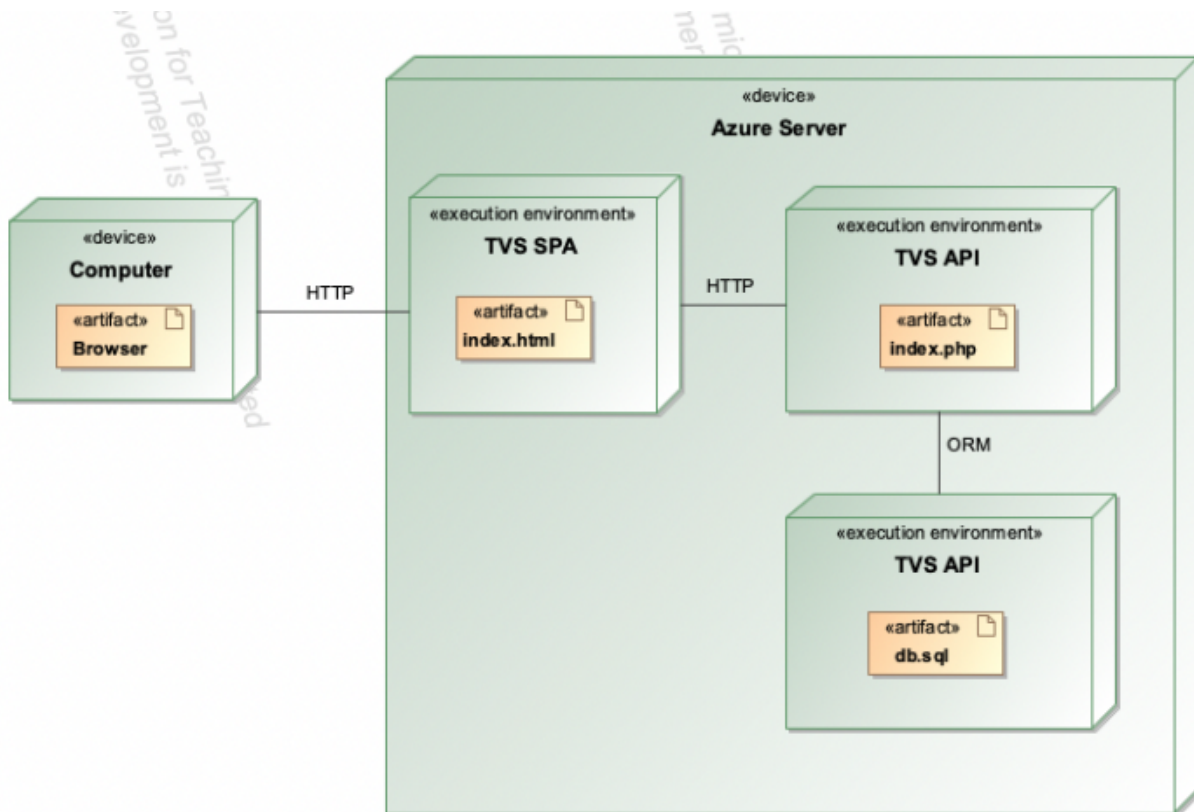
1. Peržiūrėti visų sistemos vartotojų sąrašą
  - 1.1. Ištrinti sistemos vartotoją
  - 1.2. Peržiūrėti / trinti sistemos vartotojo straipsnį
  - 1.3. Peržiūrėti / trinti sistemos vartotojo komandą
2. Peržiūrėti visų sistemos komandų sąrašą
  - 2.1. Redaguoti / ištrinti komandą
  - 2.2. Peržiūrėti komandos narių sąrašą
  - 2.3. Peržiūrėti komandos nario straipsnių kamandoje sąrašą
3. Peržiūrėti visų straipsnių sąrašą
  - 3.1. Redaguoti / ištrinti straipsnį

## 2. SISTEMOS ARCHITEKTŪRA

Sistemos sudedamosios dalys:

- Kliento pusė (ang. Front-End) - naudojant Vue.js
- Serverio pusė (ang. Back-End) - naudojant PHP Laravel. Duomenų bazė - MySQL

2.1 pav. pavaizduota kuriamos sistemos diegimo diagrama. Sistemos talpinimui yra naudojamas Azure serveris. Kiekviena sistemos dalis yra diegiama tame pačiame serveryje. Internetinė aplikacija (TVS SPA) yra pasiekama per HTTP protokolą. Šios sistemos veikimui (pvz., duomenų manipuliavimui su duomenų baze) yra reikalingas TVS API, kuris yra pasiekiamas HTTP protokolu per aplikacijų programavimo sąsają. Pats TVS API vykdo duomenų mainus su duomenų baze naudojant ORM sąsają.



2.1. pav. Sistemos TVS diegimo diagrama

### 3. API SPECIFIKACIJA

Sistemai buvo sukurta virš 20 API metodų, iš viso turima 3 Entity, kurie yra:

- Vartotojas
- Komanda
- Straipsnis

#### 3.1. REGISTRACIJOS METODAS

API metodas	POST
Paskirtis	Sukurti vartotoją
Kelias iki metodo (angl. route)	/api/register
Užklausos struktūra	<pre>{   "name": "Bob",   "email": "admin@admin.dev",   "password": "admin" }</pre>
Užklausos „Header“ dalis	Content-Type: application/json
Atsakymo struktūra	<pre>{   "name": "Bob",   "email": "admin@admin.dev",   "id": 26 }</pre>
Atsakymo kodas	201
Galimi klaidų kodai	422

### 3.2. PRISIJUNGIMO METODAS

API metodas	POST
Paskirtis	Prisijungti
Kelias iki metodo (angl. route)	/api/auth/login
Užklauso struktūra	<pre>{   "email": "admin@admin.dev",   "password": "admin" }</pre>
Užklauso „Header“ dalis	Content-Type: application/json
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": {     "user": {       "id": 26,       "name": "Bob",       "email": "admin@admin.dev",       "is_admin": 0     },     "access_token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJ0dHRwOi8vbG9jYWxob3N0L2FwaS9hdXRoL2xvZ2luIiwiaWF0IjoxNjc3MDYzLCJleHAiOiJlE2Nm2MTM2NjMslm5iZiI6MTY3MTYxMDA2MywianRpIjoiSGhSTGhrNFVUWY2MDBhZGZlOWU3MDFjNDZlYyIn0.CrUtOaCvhhg_aueGCKGLi9_L_U2dXLIDjIbdZ2EewA",     "token_type": "bearer",     "expires_in": 3600   } }</pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404

### 3.3. JWT TOKENO ATNAUJINIMO METODAS

API metodas	POST
Paskirtis	Atnaujinti JWT tokeną
Kelias iki metodo (angl. route)	/api/auth/refresh
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9. eyJpc3MiOiJodHRwOi8vbG9jYWxob3N0L2FwaS9hdXRoL2xvZ2luIiwiaWF0IjoxNjc5NjEwMDYzLCJleHAiOiJlY2E2MTM2NjMsIm5iZiI6MTY3MTYxMDA2MywianRpIjoiaS GhSTGhrNFVUYWxVUzAyZSIsInN1Yil6IjI2IiwicHJ2IjoiaS9jODk0OWY2MDBhZGIzOWU3MDFjNDAwODcyZGI3YTU5NzZmNyIsInJvbmVhZGU0IjI1c2VhLn0.CrUtOaCvvhgj_aueGCKGLiJ9_L_U2dXLIDjIbdZ2EewA
Atsakymo struktūra	<pre> {   "status": 200,   "success": true,   "data": {     "user": {       "id": 26,       "name": "Bob",       "email": "admin@admin.dev",       "is_admin": 0     },     "access_token":       "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiJodHRwOi8vbG9jYWxob3N0L2FwaS9hdXRoL2xvZ2luIiwiaWF0IjoxNjc5NjEwMDYzLCJleHAiOiJlY2E2MTM2NjMsIm5iZiI6MTY3MTYxMDA2MywianRpIjoiaS9jODk0OWY2MDBhZGIzOWU3MDFjNDAwODcyZGI3YTU5NzZmNyIsInJvbmVhZGU0IjI1c2VhLn0.CrUtOaCvvhgj_aueGCKGLiJ9_L_U2dXLIDjIbdZ2EewA"   } } </pre>



	<pre> "token_type": "bearer", "expires_in": 3600 } } </pre>
Atsakymo kodas	200
Galimi klaidų kodai	500

### 3.4. KOMANDOS API METODAI

API metodas	GET
Paskirtis	Gauti komandų kurioje aš esu sąrašą
Kelias iki metodo (angl. route)	/api/teams
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre> {   "status": 200,   "success": true,   "data": [     {       "id": 24,       "user_id": 1,       "title": "third team",       "description": "whop wop"     }   ] } </pre>
Atsakymo kodas	200
Galimi klaidų kodai	500

API metodas	GET
Paskirtis	Gauti komandos informaciją
Kelias iki metodo (angl. route)	/api/teams/{teamId}
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": [     {       "id": 24,       "user_id": 1,       "title": "third team",       "description": "whop wop"     }   ] }</pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 500

API metodas	POST
Paskirtis	Sukurti komandą
Kelias iki metodo (angl. route)	/api/teams
Užklausos struktūra	<pre>{   "title": "Example Team",   "description": "Example Team" }</pre>
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 201,</pre>

	<pre>"success": true, "data": {   "user_id": 26,   "title": "Example Team",   "description": "Example Team",   "id": 30 } }</pre>
Atsakymo kodas	201
Galimi klaidų kodai	403, 500

API metodas	PATCH
Paskirtis	Redaguoti komandą
Kelias iki metodo (angl. route)	/api/teams/{teamId}
Užklauso struktūra	<pre>{   "title": "updated team name",   "description": "updated team description" }</pre>
Užklauso „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": null }</pre>
Atsakymo kodas	201
Galimi klaidų kodai	403, 404, 422, 500

API metodas	DELETE
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Paskirtis	Ištrinti komandą
Kelias iki metodo (angl. route)	/api/teams/{teamId}
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": null }</pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	GET
Paskirtis	Gauti komandos narių sąrašą
Kelias iki metodo (angl. route)	/api/teams/{teamId}/users
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": [     {       "id": 26,       "name": "Bob",       "email": "admin@admin.dev",       "is_admin": 0     }   ] }</pre>

Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	PUT
Paskirtis	Pridėti vartotoją prie komandos
Kelias iki metodo (angl. route)	/api/teams/{teamId}/users
Užklausos struktūra	{ "user_id": 2 }
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	{ "status": 200, "success": true, "data": null }
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	DELETE
Paskirtis	Išmesti vartotoją iš komandos
Kelias iki metodo (angl. route)	/api/teams/{teamId}/users/{userId}
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	{ "status": 200, "success": true, "data": null }

	}
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	GET
Paskirtis	Gauti komandos vartotojo straipsnius
Kelias iki metodo (angl. route)	/api/teams/{teamId}/users/{userId}/articles
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": [     {       "id": 1,       "team_id": 2,       "user_id": 2,       "title": "First Article",       "text": "Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.",       "thumbnail": "https://cdn.dribbble.com/userupload/4050152/file/original-d 9dd962cf391d4099fa9b5367639a228.jpg?compress=1&amp;resiz</pre>

	<pre>e=1024x1019",     "created_at": "2022-12-04T18:05:36.000000Z",     "updated_at": "2022-12-04T18:05:36.000000Z"   } ] }</pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

### 3.5. STRAIPNSIO API METODAI

API metodas	GET
Paskirtis	Gauti straipsnius
Kelias iki metodo (angl. route)	/api/articles
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": [     {       "id": 1,       "team_id": 2,       "user_id": 2,       "title": "First Article",       "text": "Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the</pre>

	<p>1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.",</p> <p><b>"thumbnail":</b></p> <p>"https://cdn.dribbble.com/userupload/4050152/file/original-d9dd962cf391d4099fa9b5367639a228.jpg?compress=1&amp;resize=1024x1019",</p> <p><b>"created_at":</b> "2022-12-04T18:05:36.000000Z",</p> <p><b>"updated_at":</b> "2022-12-04T18:05:36.000000Z"</p> <p>}</p> <p>]</p> <p>}</p>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	GET
Paskirtis	Gauti straipsnius
Kelias iki metodo (angl. route)	/api/articles/{articleId}
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": {     "id": 1,     "team_id": 2,     "user_id": 2,     "title": "First Article",     "text": "Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an</pre>



	<p>unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.",</p> <p>"thumbnail":</p> <p>"https://cdn.dribbble.com/userupload/4050152/file/original-d9dd962cf391d4099fa9b5367639a228.jpg?compress=1&amp;resize=1024x1019",</p> <p>"created_at": "2022-12-04T18:05:36.000000Z",</p> <p>"updated_at": "2022-12-04T18:05:36.000000Z",</p> <p>"user": {</p> <p>  "id": 2,</p> <p>  "name": "Bob Shmoe",</p> <p>  "email": "simple@gmail.com",</p> <p>  "is_admin": 0</p> <p>}</p> <p>}</p> <p>}</p>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	POST
Paskirtis	Sukurti straipsnį
Kelias iki metodo (angl. route)	/api/articles
Užklauso struktūra	<pre>{   "team_id": 32,   "title": "Will real estate crash",   "text": "We will see",   "thumbnail": "example.com/image.jpg" }</pre>

Užklauso „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 201,   "success": true,   "data": {     "team_id": 32,     "user_id": 1,     "title": "Will real estate crash",     "text": "We will see",     "thumbnail": "asd",     "updated_at": "2022-12-21T08:31:07.000000Z",     "created_at": "2022-12-21T08:31:07.000000Z",     "id": 9   } }</pre>
Atsakymo kodas	201
Galimi klaidų kodai	403, 404, 422, 500

API metodas	PATCH
Paskirtis	Redaguoti straipsnį
Kelias iki metodo (angl. route)	/api/articles/{articleId}
Užklauso struktūra	<pre>{   "team_id": 32,   "title": "Will real estate crash",   "text": "We will see",   "thumbnail": "example.com/image.jpg" }</pre>
Užklauso „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": {</pre>

	<pre> "team_id": 32, "user_id": 1, "title": "Will real estate crash", "text": "We will see", "thumbnail": "asd", "updated_at": "2022-12-21T08:31:07.000000Z", "created_at": "2022-12-21T08:31:07.000000Z", "id": 9 } } </pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 422, 500

API metodas	DELETE
Paskirtis	Ištrinti straipsnį
Kelias iki metodo (angl. route)	/api/articles/{articleId}
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre> {   "status": 200,   "success": true,   "data": null } </pre>
Atsakymo kodas	201
Galimi klaidų kodai	403, 404, 500

### 3.6. VARTOTOJO API METODAI

API metodas	GET
Paskirtis	Gauti vartotojų sąrašą
Kelias iki metodo (angl. route)	/api/users
Užklausos struktūra	
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre>{   "status": 200,   "success": true,   "data": [     {       "id": 1,       "name": "admin",       "email": "admin@gmail.com",       "is_admin": 1     },     {       "id": 2,       "name": "Bob Shmoe",       "email": "simple@gmail.com",       "is_admin": 0     },   ] }</pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	GET
Paskirtis	Gauti vartotoją
Kelias iki metodo (angl. route)	/api/users/{userId}
Užklausos struktūra	

Užklauso „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre> {   "status": 200,   "success": true,   "data": {     "teams": [       {         "id": 2,         "user_id": 2,         "title": "second team",         "description": "this is second team description"       }     ],     "articles": [       {         "id": 1,         "team_id": 2,         "user_id": 2,         "title": "First Article",         "text": "Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.",         "thumbnail": "https://cdn.dribbble.com/userupload/4050152/file/original-d 9dd962cf391d4099fa9b5367639a228.jpg?compress=1&amp;resiz e=1024x1019",         "created_at": "2022-12-04T18:05:36.000000Z",         "updated_at": "2022-12-04T18:05:36.000000Z"       },       {         "id": 2, </pre>

	<pre>"team_id": 2, "user_id": 2, "title": "Second Article", "text": "Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.", "thumbnail": "https://cdn.dribbble.com/users/1215894/screenshots/365469 7/dribbble-matthew-beasley-72.jpg", "created_at": "2022-12-04T18:05:50.000000Z", "updated_at": "2022-12-04T18:05:50.000000Z" }, { "id": 8, "team_id": 2, "user_id": 2, "title": "DELETE ME", "text": "Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.", "thumbnail": "https://cdn.dribbble.com/users/1215894/screenshots/365469 7/dribbble-matthew-beasley-72.jpg", "created_at": "2022-12-04T18:05:50.000000Z",</pre>
--	---

	<pre>       "updated_at": "2022-12-04T18:05:50.000000Z"     }   ] } } </pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500

API metodas	PATCH
Paskirtis	Redaguoti vartotoją
Kelias iki metodo (angl. route)	/api/users/{userId}
Užklausos struktūra	<pre> {   "name": "Updated name",   "email": "updated@email.com",   "password": "updatedpassword" } </pre>
Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	<pre> {   "status": 200,   "success": true,   "data": null } </pre>
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 422, 500

API metodas	DELETE
Paskirtis	Ištrinti vartotoją
Kelias iki metodo (angl. route)	/api/users/{userId}
Užklausos struktūra	

Užklausos „Header“ dalis	Content-Type: application/json, Bearer \$token
Atsakymo struktūra	{ "status": 200, "success": true, "data": null }
Atsakymo kodas	200
Galimi klaidų kodai	403, 404, 500



## 4. SISTEMOS NAUDOTOJO SAŠAJA

### 4.1. PAGRINDINIS PUSLAPIS

STVS Register Login

Become a publisher

Join

Already have an account? [Log in](#)

Featured Articles:



#### [First Article](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500...



#### [Second Article](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500...



#### [DELETE ME](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500...

## 4.2. STRAIPSNIO PUBLIC PERŽIŪROS PUSLAPIS

**STVS** [Register](#) [Login](#)



2022-12-04

by: Bob Shmoe

### First Article

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

## 4.3. REGISTRACIJOS PUSLAPIS

**STVS** [Register](#) [Login](#)

### Register

Name:

Email:

Password:

[Register](#)

Already have an account? [Login](#)

## 4.4. PRISIJUNGIMO PUSLAPIS

**STVS** [Register](#) [Login](#)

# Login

Email:

Password:

[Login](#)

Don't have an account? [Register](#)

## 4.5. STRAIPSNIŲ SĄRAŠO PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

# Articles

[Create New](#)

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>

## 4.5. STRAIPSNIO TRINIMO DIALOGAS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

# Articles

[Create New](#)

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>

Are you sure?

Action cannot be undone

[Cancel](#) [Confirm](#)

## 4.6. STRAIPSNIO PERŽIŪROS PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)



### First Article

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

---

[edit](#) | [delete](#)

## 4.7. STRAIPSNIO KURIMO & REDAGAVIMO PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Edit Article

Thumbnail URL:

https://cdn.dribbble.com/userupload/4050152/file/original-d9dd962cf391d4099fa9b5367639a228.jpg?compress=1&resize=1

Title:

First Article

Text:

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Update

## 4.8. KOMANDŲ SĄRAŠO PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Teams

Create New

Id	Title	Description	Action
2	second team		<a href="#">edit</a> <a href="#">delete</a>
24	third team		<a href="#">edit</a> <a href="#">delete</a>
31	Example Team		<a href="#">edit</a> <a href="#">delete</a>
32	Example Team		<a href="#">edit</a> <a href="#">delete</a>



## 4.9. KOMANDOS TRINIMO DIALOGAS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

## Teams

Create New

Id	Title	Description	Action
2	second team		<a href="#">edit</a> <a href="#">delete</a>
24	third team		<a href="#">edit</a> <a href="#">delete</a>
31	Example Team		<a href="#">edit</a> <a href="#">delete</a>
32	Example Team		<a href="#">edit</a> <a href="#">delete</a>

Are you sure?

Action cannot be undone

[Cancel](#)[Confirm](#)

## 4.10. KOMANDOS KURIMO & REDAGAVIMO PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

## Edit Team

Title:

Description:

Update

## 4.11. KOMANDOS PERŽIŪROS PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Team: 2

**Title:** second team

**Description:** this is second team description

### Users

[Add To Team](#)

Id	Name	Email	Action
1	admin	admin@gmail.com	<a href="#">view</a>
2	Bob Shmoe	simple@gmail.com	<a href="#">view</a> <a href="#">remove</a>

### Articles

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>



## 4.12. KOMANDOS NARIO IŠMETIMO DIALOGAS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Team: 2

**Title:** second team  
**Description:** this is second team description

### Users

Add To Team

Are you sure?  
User Bob Shmoe will be removed from the team

CancelConfirm

Id	Name	Email	Action
1	admin	admin@simple.com	<a href="#">view</a>
2	Bob Shmoe	simple@gmail.com	<a href="#">view</a> <a href="#">remove</a>

### Articles

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>

#### 4.13. VARTOTOJO PRIDĖJIMO PRIE KOMANDOS PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Add user to team: 2

Please select user

- 1. admin(admin@gmail.com)
- ✓ 2. Bob Shmoe(simple@gmail.com)
- 26. Updated name(updated@email.com)

Add

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Add user to team: 2

2. Bob Shmoe(simple@gmail.com)

Add

#### 4.14. VARTOTOJO STRAIPNSIŲ KOMANDOJE SĄRAŠO PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### User: 2 articles for team: 2

Id	Title	Snippet	Date
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022

## 4.15. VARTOTOJO SĄRAŠO PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Users

Id	Name	Email	Action
1	admin	admin@gmail.com	<a href="#">view</a> <a href="#">delete</a>
2	Bob Shmoe	simple@gmail.com	<a href="#">view</a> <a href="#">delete</a>
26	Updated name	updated@email.com	<a href="#">view</a> <a href="#">delete</a>

## 4.16. VARTOTOJO TRINIMO DIALOGAS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Users

Id	Name	Email	Action
1	admin	admin@gmail.com	<a href="#">view</a> <a href="#">delete</a>
2	Bob Shmoe	simple@gmail.com	<a href="#">view</a> <a href="#">delete</a>
26	Updated name	updated@email.com	<a href="#">view</a> <a href="#">delete</a>

Are you sure?

Action cannot be undone

[Cancel](#)[Confirm](#)

## 4.17. VARTOTOJO PERŽIŪROS PUSLAPIS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Teams

Id	Title	Description	Action
2	second team		<a href="#">view</a> <a href="#">remove</a>

### Articles

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>

## 4.18. VARTOTOJO IŠMETIMO IŠ KOMANDOS DIALOGAS

**STVS** [admin](#) [Articles](#) [Teams](#) [Users](#) [logout](#)

### Teams

Id	Title	Description	Action
2	second team		<a href="#">view</a> <a href="#">remove</a>

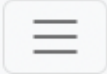
### Articles

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">view</a>

Are you sure?  
User will be removed from the team

CancelConfirm

#### 4.19. PRIE EKRANO DYDŽIO PRISITAIKANTIS MENIU

**STVS**

## Articles

Create New

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>

**STVS**



admin

Articles

Teams

Users

logout

## Articles

Create New

Id	Title	Snippet	Date	Action
1	First Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
2	Second Article	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>
8	DELETE ME	Lorem Ipsum is simply dummy text of the printing and typesetting indus...	8:05 pm, Dec. 4, 2022	<a href="#">edit</a>   <a href="#">delete</a>

## **5. IŠVADOS**

Sėkmingai sukurta turinio valdymo sistema straipsnių, komandos ir jų narių valdymui.