Videoteka

We Don't Byte komanda

Produktą kūrė:

Tautvydas Mačiulis Julius Rasimas

Aurimas Arlauskas

Simonas Vingis

Povilas Stašys

1. Produkto vizija

pav. 1 Produkto vizija



This product offers a simple, easily accessible and convenient cloud storage solution for safe keeping one's videos.



- · Hobbyist filmmakers
- An average person, who just wants to offload his videos from local storage to cloud



Once a person moves his videos to our product, he can theneasily reach them from almost every device, which is connected to the Internet

People who like to film their life's moments usually face with limited storage problems on their drives, so it would be great for them to offload some of the videos to cloud.

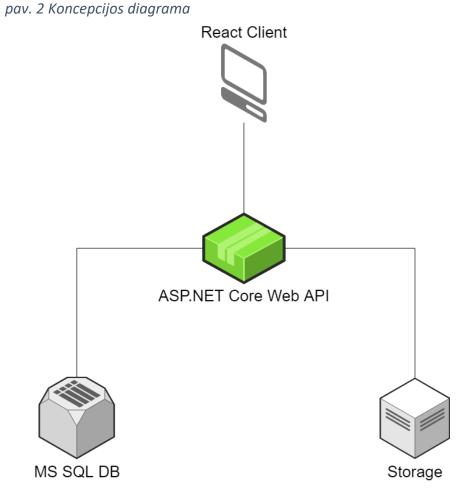


This product is a simple video library solution, which stores user's videos on cloud storage.

This product stands out from others due to it's convenience and ease of access.

2. Produkto koncepcijos diagrama

Produkto įgyvendinimui pasirinkome naudoti React ir ASP.NET Core karkasus. React klientas kreipiasi į ASP.NET Core Web API, kuris naudodamasis EF Core karkasu bendrauja su MS SQL duombaze. Duomenų bazė saugo nuorodas (paths) į video failus saugykloje (storage).



Database stores the path of the video in storage

3. Sistemos personos

Martin

Profile: Martin is a financial analyst who works a typical 9-5 job at a financial firm. Since childhood he likes to spend his free time taking videos with his camera, either with phone's or digital one. Martin enjoys filming his best moments during his travels, but also, he likes to sometimes capture heart-warming moments with his friends or any other interesting episodes from his day-to-day life.

Profile Attributes

Age: 27

Hobbies: Photography, filmmaking.

Job: Financial Analyst

Pain Points:

- Since Martin captures so much video content almost every day, he needs to find a solution which could help him with storage problems. He has a limited amount of storage on his laptop and external drives.
- Martin sometimes wants to show one of his videos to his friends, but not always he has his laptop or drive nearby.

Goals:

From these pain points we can conclude two main goals for Martin:

- Cloud storage for his videos
- Easily accessible and convenient online video library

Greta

Profile: Greta is an aspiring animator, who enjoys drawing and expressing herself through various means. As a freelance animator, her daily tasks at her job include creating short, animated videos for her clients.

Pain Points:

- Since Greta creates lots of animated short videos, she wants to have a single place where she could conveniently store them.
- Greta has to constantly show the results of her creative work to her clients, so it would be great if she could have a convenient way to share them quickly.

Profile Attributes

Age: 25

Hobbies: Drawing, hiking.

Job: Freelance animator

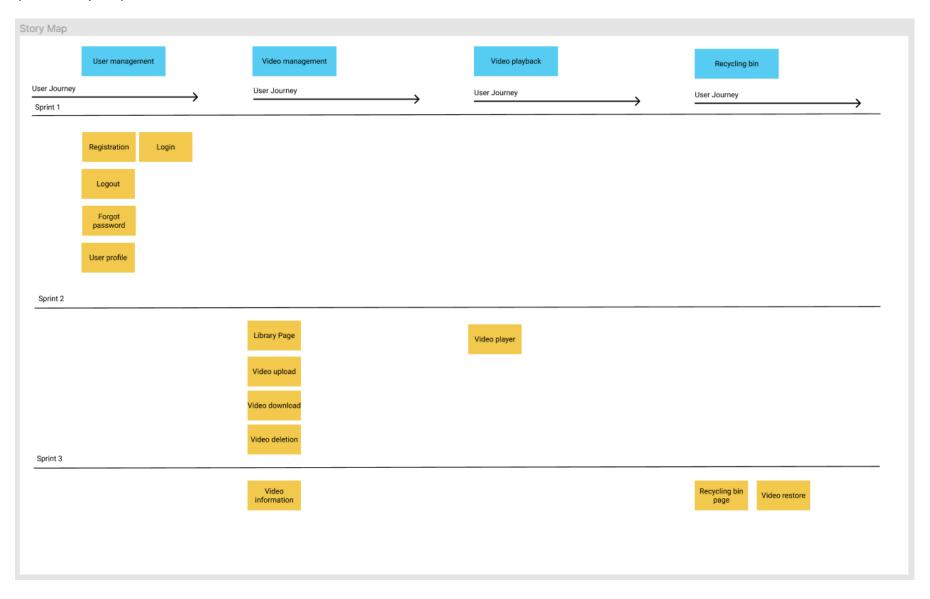
Goals:

From these pain points we can conclude two main goals for Greta:

- Cloud storage for her animated short videos, where she could conveniently manage them.
- A way to easily share her work to clients by sending a shareable link.

4. Story Map

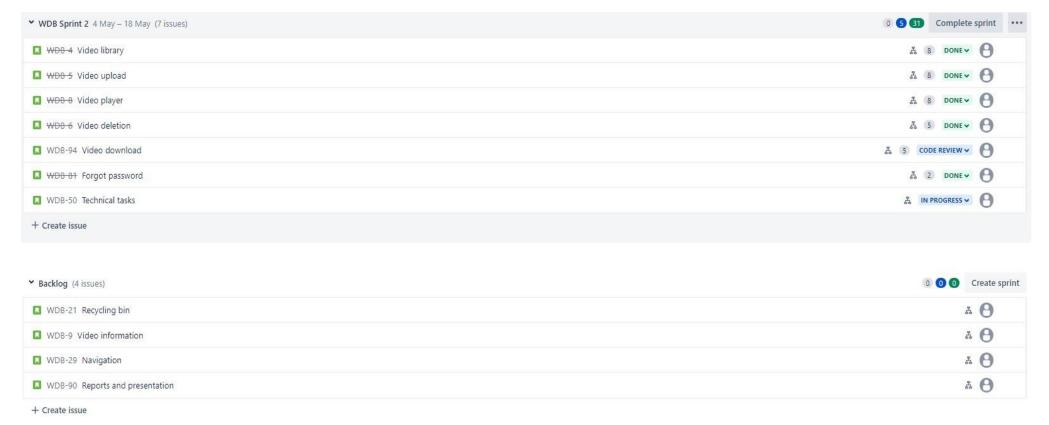
pav. 3 Story Map



5. Prioretizuotas Backlog

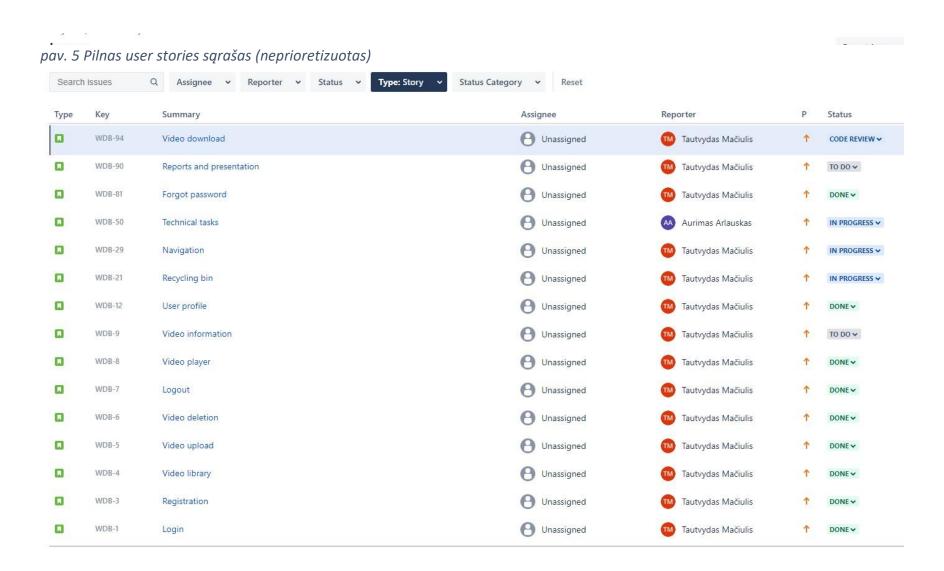
Kadangi mūsų komanda darbą pradėjo anksčiau nei sužinojome, kad reikės pateikti pradinio prioretizuoto backlog screenshot, todėl apačioje esantis screenshot vaizduoja ne visą prioretizuotą backlog, t.y. tik tą backlog kuris buvo sprint 2 metu, tad į jį neįeina visi stories, kuriuos buvome suplanavę atlikti. Pateiktame backlogʻe trūksta tik tų stories, kuriuos įgyvendinome sprint 1 metu: Login, Registration, Logout, User Profile. Taip yra todėl kad Jira, užbaigiant sprintą, automatiškai ištrina iš backlog tuos stories, kurie buvo praeitam sprinte, tad apačioje pavaizduotas backlog yra nepilnas.

pav. 4 Backlog antro sprinto metu



Tam, kad galėtume pateikti visų suplanuotų stories sąrašą, Jira įrankyje įgalinome Issue Navigator funkciją, kuri leidžia peržiūrėti visų (taip pat ir jau užbaigtų) sprint stories.

Pastaba: šis Issue Navigator funkcijos pateiktas sąrašas **nėra prioretizuotas**, tad tai neatspindi mūsų komandos suplanuoto backlog prieš pradedant pirmąjį sprintą, nors į jį jeina visi user stories.



6. Wireframes/Prototipas

Tam, kad sukurti wireframes ir galų gale prototipą, naudojome Figma įrankį. Sukurtus wireframes eksportavome į Zeplin įrankį, kurio pagalba galėjome patogiai prisegti wireframe prie atitinkamo user story Jira įrankyje. Ne visi stories turi savo wireframe. Taip yra dėl to, kad atitinkami wireframes apima daugiau nei vieną story.

Prototipas yra pasiekiamas per šią nuorodą:

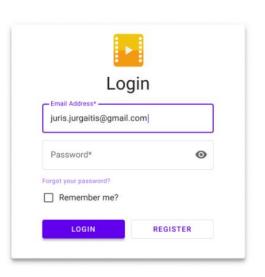
https://www.figma.com/file/J8VIYdKcOAOAssEL1OPBkd/Prototype?node-id=0%3A1

Pastaba: Tam, kad paleisti prototipą reikia paspausti Present mygtuką viršutiniame kairiame kampe. Patartina atsisiųsti Figma programą ir per ją pasileisti prototipą, nes kitu atveju, leidžiant per internetinę naršyklę, gali puslapis lėtai veikti.

1. Login user story wireframe

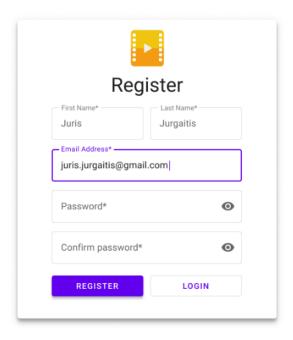
pav. 6 Login wireframe

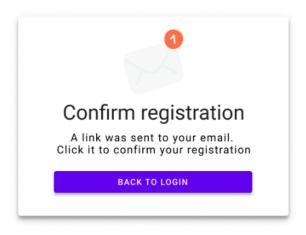


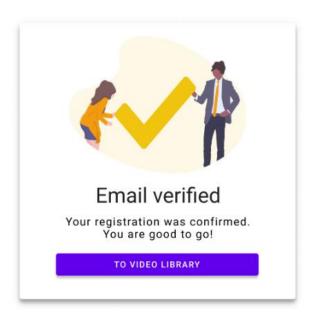


2. Registration user story wireframes

pav. 7 Registration page wireframe

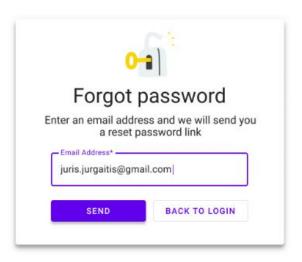


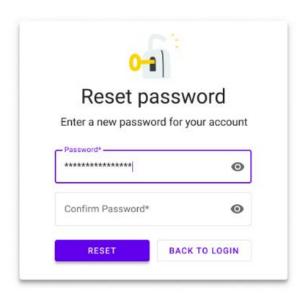




3. Forgot Password user story wireframes

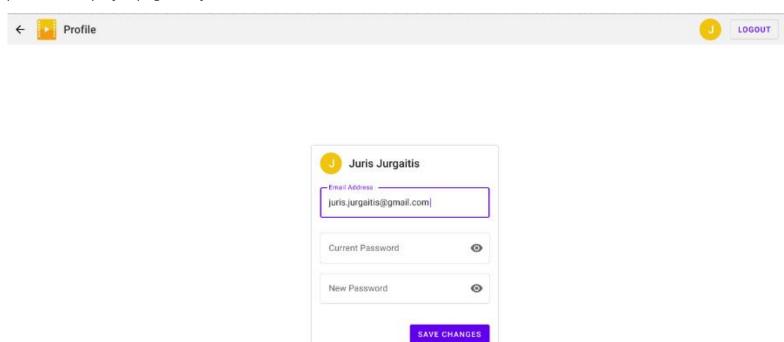
pav. 10 Forgot password page wireframe





4. User profile story wireframe

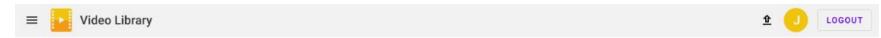
pav. 12 User profile page wireframe



Something wrong happened:/ Changes were not saved

5. Video library story wireframes

pav. 13 Empty video library page wireframe

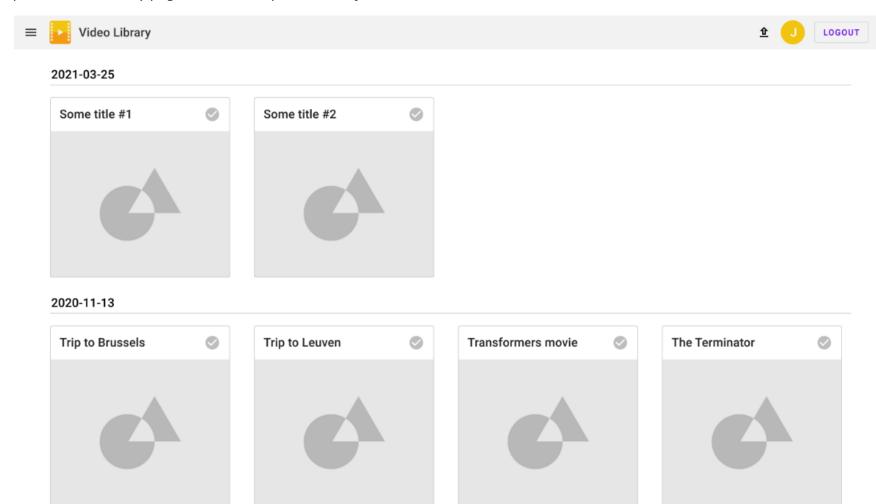


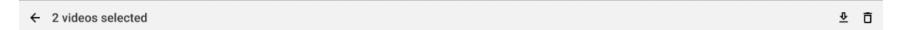


It feels empty here...

Upload a video by clicking the upload icon on the top

pav. 14 Video library page with videos uploaded wireframe



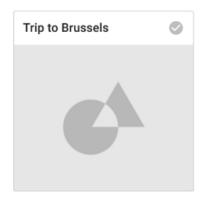


2021-03-25





2020-11-13



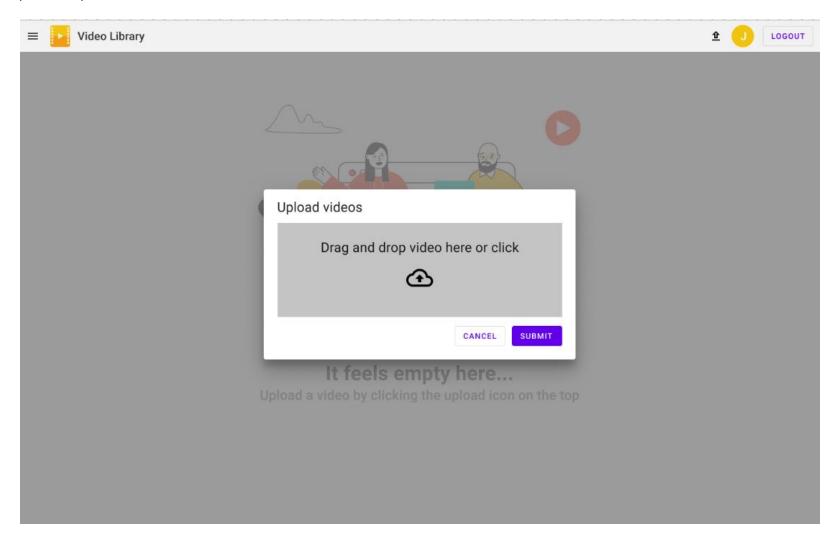




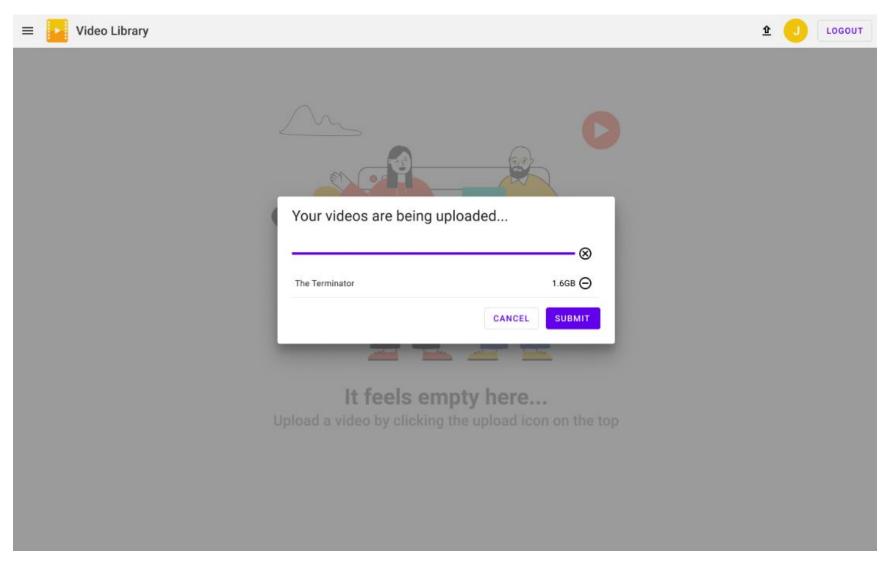


6. Video upload story wireframes

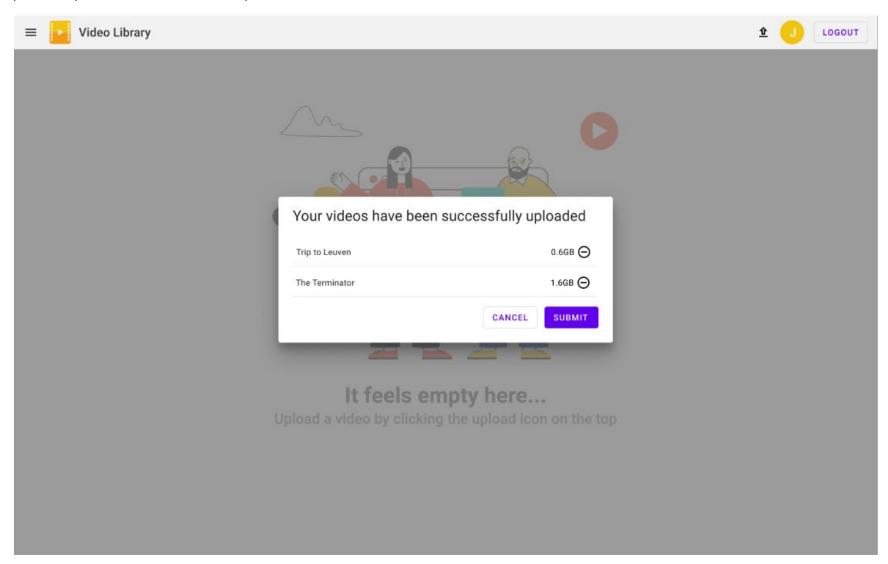
pav. 16 Upload modal with no videos



pav. 17 Upload modal with videos being uploaded

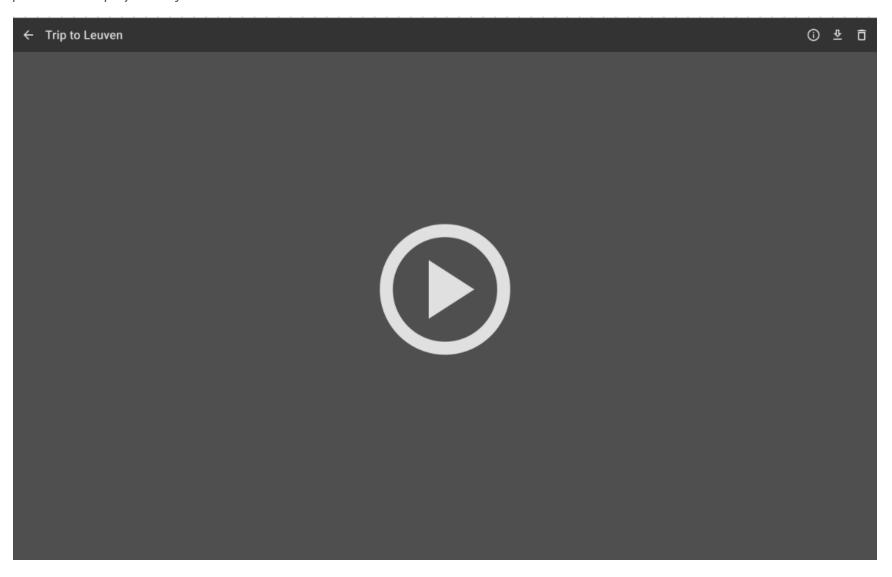


pav. 18 Upload modal with videos upoaded



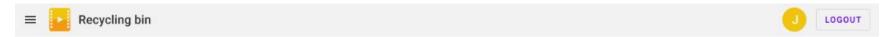
7. Video player story wireframe

pav. 19 Video player wireframe



8. Recycling bin wireframes

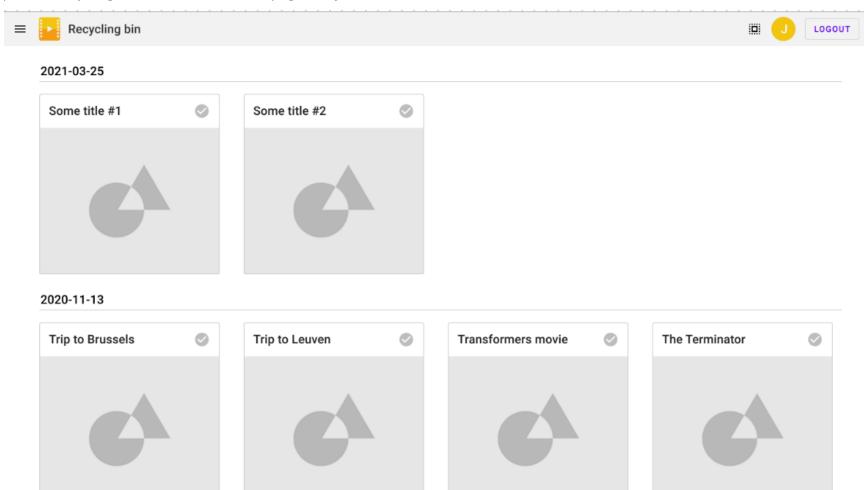
pav. 20 Empty recycling bin page wireframe



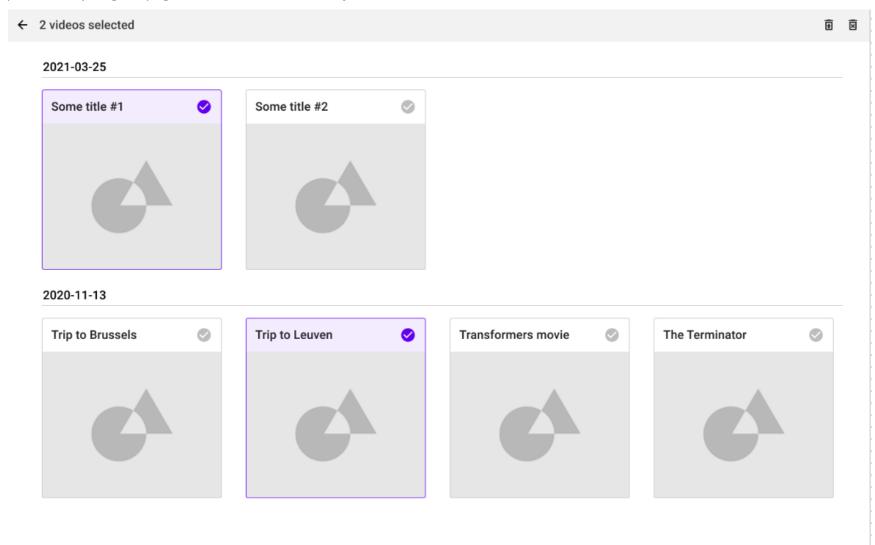


Recycling bin is empty

pav. 21 Recycling bin with deleted videos page wireframe

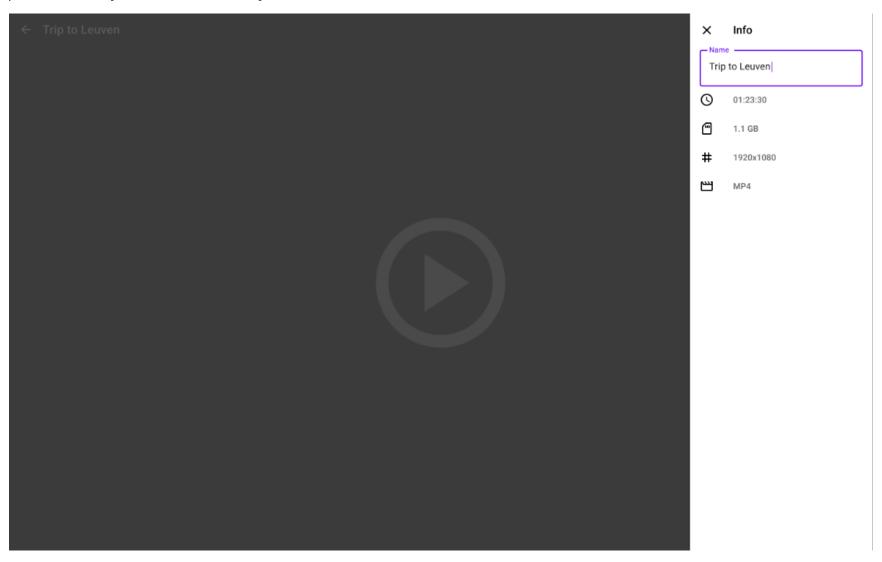


pav. 22 Recycling bin page with videos selected wireframe



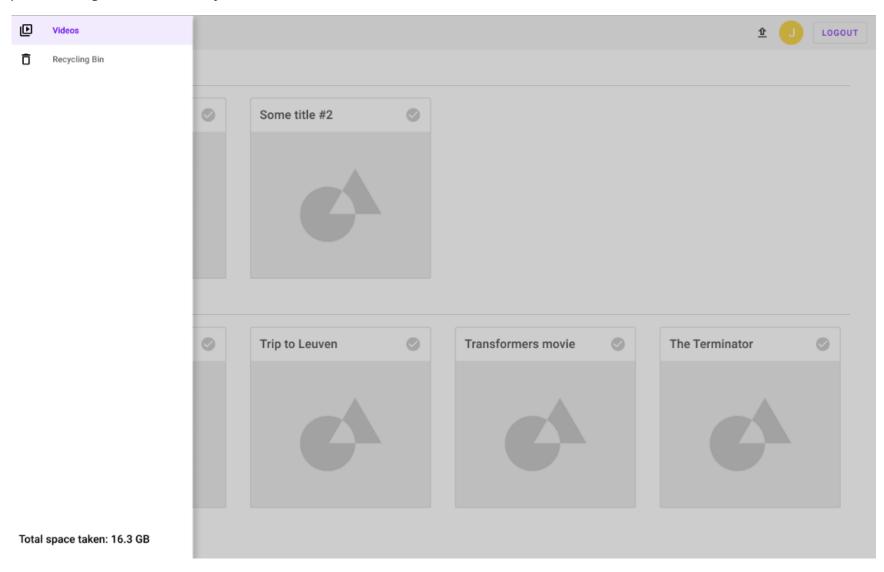
9. Video information story wireframe

pav. 23 Video information sidebar wireframe



10. Navigation story wireframe

pav. 24 Navigation drawer wireframe



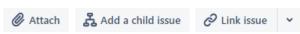
7. Aprašyti user stories ir jų acceptance kriterijai

Kiekvieną user story aprašydavome naudodamiesi tokiu šablonu: "As a user I want to <do some action>, so I could <get some benefit/do something else>. Aprašę user story, Acceptance kriterijus surašydavome į sąrašą papunkčiui. Taip pat, prie kiekvieno Jira user story prisegdavome iliustracijų ir ikonų priedus bei pridėdavome nuorodą į atitinkamus wireframes Zeplin įrankyje. Galiausiai sprintų planavimo metu, kiekvieną story įvertindavome story points ir išskaidydavome į frontend ir backend užduotis, tad kiekvienas story turėdavo po atitinkamą kiekį subtasks.

Be to, projekto metu turėjome dar du papildomus Jira issues: Technical tasks ir Reports and presentation. Technical task issue migruodavo iš vieno sprinto į kitą, nes kiekvieno sprinto metu vis atsirasdavo kokių nors techninių užduočių, kaip tarkim patobulinti (refactor) kokį nors komponentą ir pan. Reports and presentation issue buvo susijęs su ataskaitų rašymu ir pan.

pav. 26 Registration user story

Registration

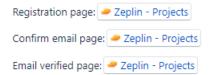


Description • Unsaved changes

As a user I want to register, so I could login to the system later on.

Acceptance criteria:

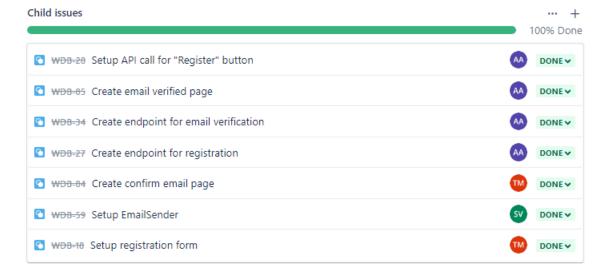
- All fields should have proper regex and should indicate the user, when the entered details are incorrect. Password
 requirements: at least 8 symbols with at least one capital letter and at least one number.
- 2. Registration form should include these fields: First name, Last name, Email, Password, Confirm Password.
- 3. Registration form should include Back to Login button.
- 4. On successful registration an email should be sent to the user, which includes a link. Also user should be redirected to confirm email page, which includes a back to login button.
- On click of the confirmation link, user should be logged in and directed to email verified page. Email verified page should include go to video library button.



Attachments (3)



pav. 25 Registration user story sub-tasks



pav. 28 Login user story

Login



Description

As a user I want to login to the system, so I could access all of it's features.

Acceptance criteria:

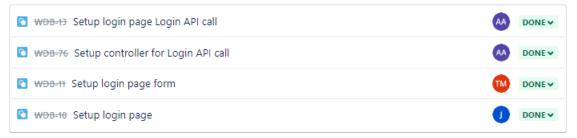
- 1. Login page should have button for registration
- 2. On successful login, user should be directed to main page.
- 3. Login form should include fields for email, password.
- 4. All fields should have proper regex and should indicate the user, when the entered details are incorrect.
- 5. Login form should include checkbox "Remember me?", which should save login details.
- 6. On successful login response should include JWT token.

Login page: 🥏 Zeplin - Projects

Attachments (2)

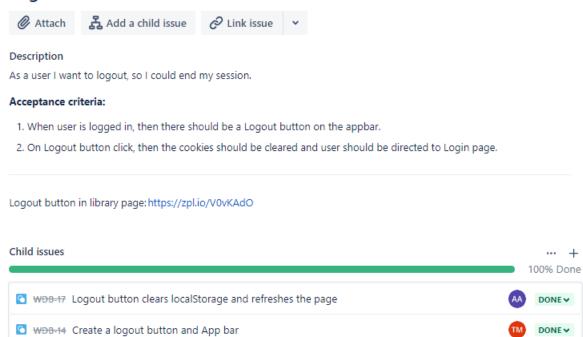


pav. 27 Login user story sub-tasks



pav. 29 Logout user story and its sub-tasks

Logout



pav. 30 User profile story and its sub-tasks

User profile

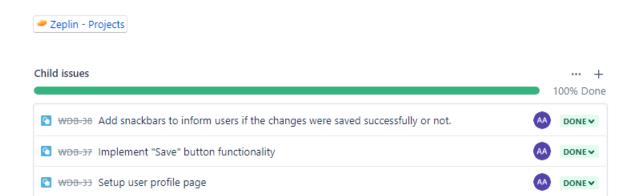


Description

As a user I want to view my profile, so I could see profile details and change some of them.

Acceptance criteria:

- 1. Profile page should include these fields: full name, password, confirm password.
- 2. Password and confirm password fields should be editable.
- 3. There should be Save changes button, which on click should update the profile details and user should be notified by a snackbar.



pav. 32 Forgot password user story

Forgot password



Description

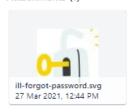
As a user I want to reset my password, so I could access my account again when I forget my password.

Acceptance criteria:

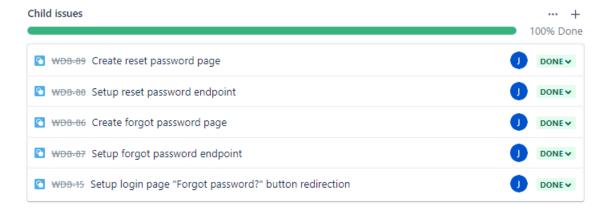
- 1. Login form should include button "Forgot your password?", which directs user to forgot password form.
- 2. When user enters his email and clicks button send, system should send to the provided email a link, which on click would redirect user to reset password page.
- 3. Reset password form should have same regex as registration form's password fields.
- 4. On successful reset, user should be directed logged in and redirected to library page.



Attachments (1)



pav. 31 Forgot password user story sub-tasks



pav. 34 Video library user story

Video library

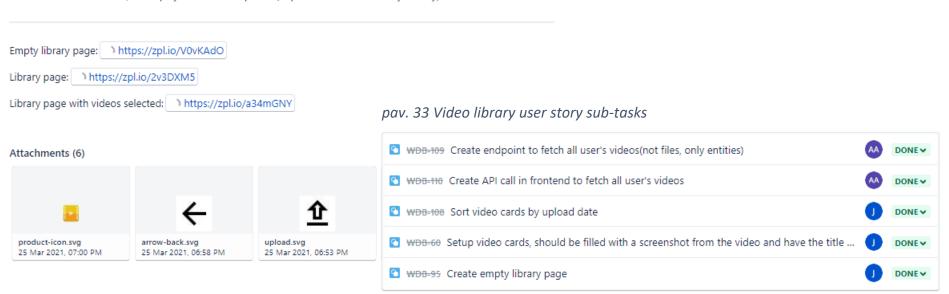


Description

As a user I want to access library page, so I could see all my videos.

Acceptance criteria:

- 1. If there are no videos, then empty page should be shown.
- 2. If there are videos, then they should be sorted by upload date.
- 3. Video card should show a frame from the video. If frame is not accessible, then it should show placeholder image.
- 4. Each video card should be selectable. Multiple selection should be possible.
- 5. It should be possible to select all videos of particular date.
- 6. When video card is selected, then it should be possible to download or delete selected videos.(At the moment show only the icons on appbar, these functionalities will be implemented in other stories).
- 7. On click of video card, video player should be opened.(Implemented in Video Player story)



pav. 36 Video upload user story

Video upload

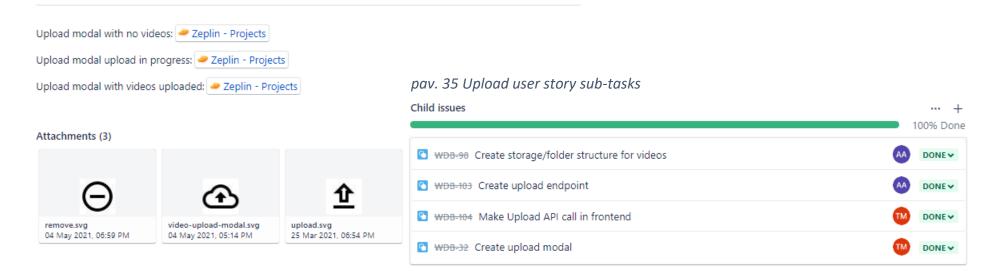


Description • Unsaved changes

As a user I want to upload a video from my local storage, so it would be accessible in video library.

Acceptance criteria:

- 1. Upload process should begin when Upload button on the appbar is clicked.
- 2. When upload button is clicked, then file upload modal should be opened.
- 3. It should be possible to drag a file from local storage to modal.
- 4. Also, it should be possible to open local file explorer where user can manually select which file to upload.
- Modal should include Submit button, which finalizes the upload process and refreshes the page. Also, it should include cancel button.
- 6. On successful/failed upload, user should be notified about it.
- 7. Modal should reject files which are not of video type.



pav. 37 Video download user story and sub-tasks

Video download



Description

As a user I want to download videos, so I could have it in my local storage

Acceptance criteria:

- 1. It should be possible to download selected videos from library page
- 2. It should be possible to download multiple videos, when more than one is selected in library page.
- 3. It should be possible to download video from video player.



pav. 39 Video deletion user story

Video deletion



Description

As a user I want to delete my videos, so I could free up my storage in the video library.

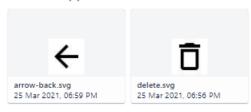
Acceptance criteria:

- 1. When video card in the library page is selected, then it should be possible to delete the video by clicking Delete button on appbar.
- 2. Also it should be possible to delete a video from video player page.
- 3. When Delete button is clicked, then a dialog should appear, which asks the user to confirm the deletion of video.

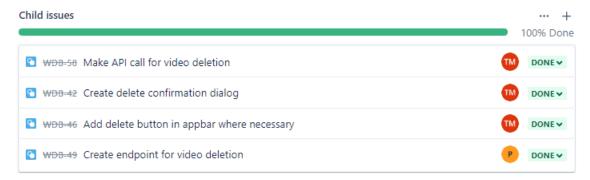
Pages where deletion is possible:



Attachments (2)



pav. 38 Video deletion user story sub-tasks



pav. 40 Video player user story and its sub-tasks

Video player

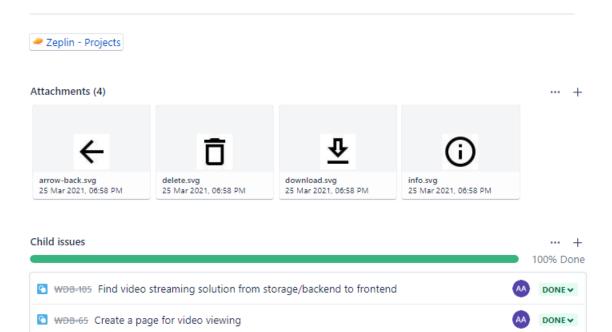


Description

As a user I want to open my videos in the system, so I could watch them.

Acceptance criteria:

- 1. On video card click in the library page, a video player should be opened.
- In video player, it should be possible to play, delete, download the video and it should be possible to view information of it.(Implemented in other story)
- On video deletion, it should be moved to recycling bin and user should be directed to library page. Snackbar should also show up, notifying the user whether the deletion was successful.



pav. 42 Recycling bin user story

Recycling bin

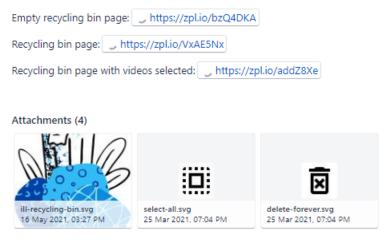


Description • Unsaved changes

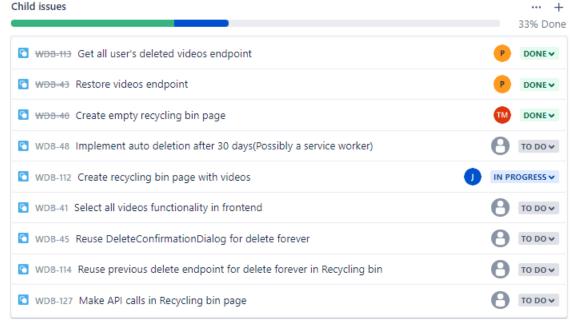
As a user I want to have a recycling bin page, so I could restore my deleted files or delete them forever.

Acceptance criteria:

- 1. If there are no videos recycling bin page, then empty page should be shown.
- 2. If there are videos, then they should be sorted by delete or upload date(Feel free to choose which way you think is the best).
- 3. It should be possible to select all videos.
- 4. On video card selection, it should be possible to restore the video or videos, or to delete it/them forever.
- 5. When user clicks delete forever, then confirmation dialog should be shown.
- 6. If videos stay for 30 days or longer in the recycling bin, then they should be deleted forever automatically.



pav. 41 Recycling bin user story sub-tasks



pav. 43 Video information user story and its sub-tasks

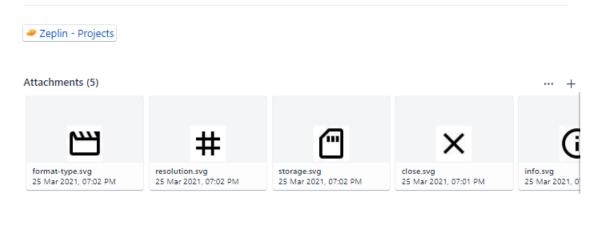
Video information

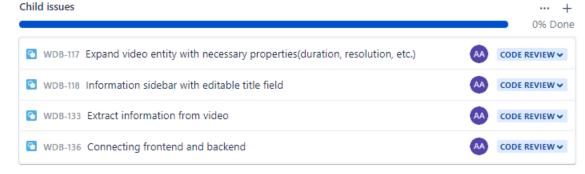


As a user I want to view video information, so I could see video's details and edit some of it.

Acceptance criteria:

- 1. Video information side bar should include fields like: title, duration, size, resolution, format.
- 2. Title field should be editable. It should automatically save changes on each edit.





pav. 44 Navigation user story and its sub-tasks

Navigation



Description

As a user I want to navigate between pages, so I could reach either recycling bin or library page.

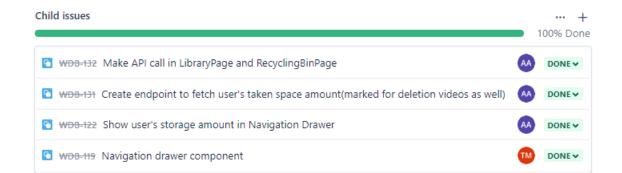
Acceptance criteria:

Zeplin - Projects

- 1. Navigation drawer should include two tabs: Videos, Recycling Bin.
- 2. Navigation drawer should also show how much storage is taken.



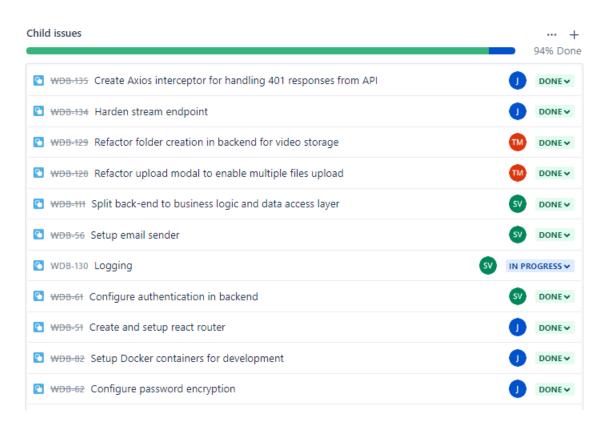




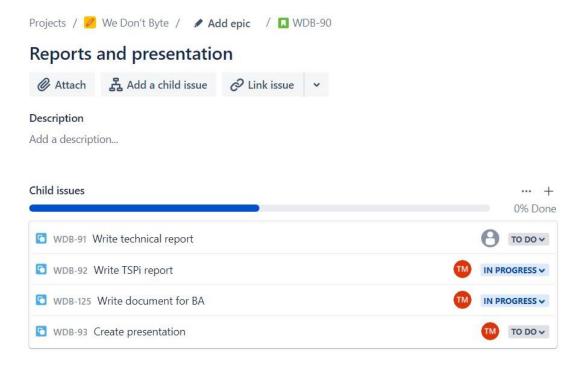
pav. 45 Technical tasks issue and its sub-tasks

Technical tasks



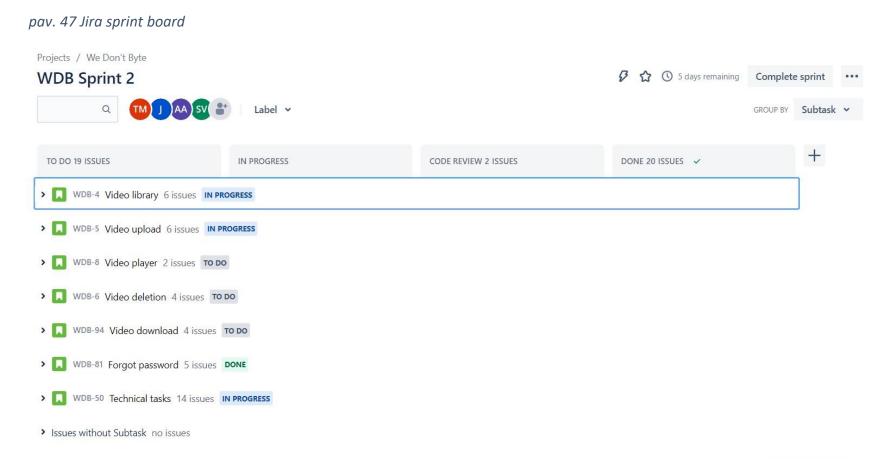


pav. 46 Reports and presentation issue and its sub-tasks

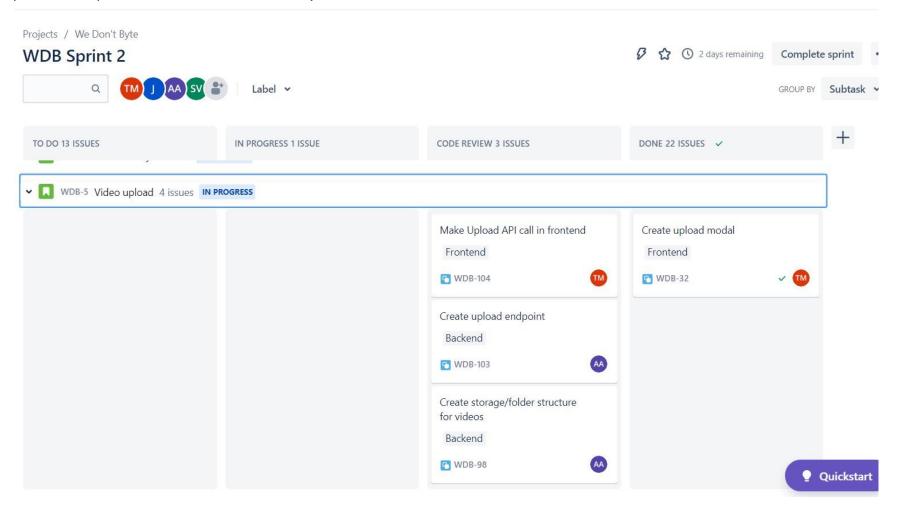


8. Jira sprint board struktūra ir užduočių būsenos kaita

Mūsų komanda nusprendė, kad Jira sprint board turėtų susidėti iš keturių stulpelių: To Do, In Progress, Code Review ir Done. Kiekvienas story ir jų sub-task'ai projekto eigoje migruodavo iš To Do iki Done, priklausomai nuo to kokioje stadijoje jie yra:

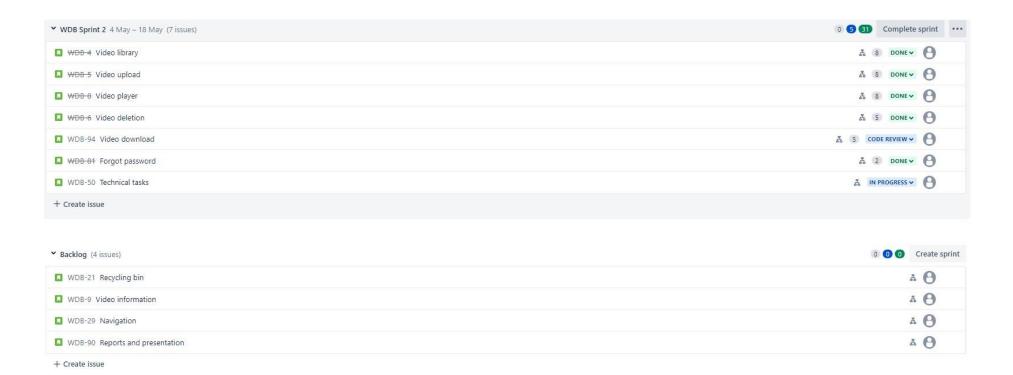


pav. 48 Jira sprint board su išskleistu user story



Po kiekvieno sprinto dalis backlog stories būdavo automatiškai ištrinami užbaigiant sprintą. Tuomet mūsų komanda kito sprinto planavimo metu, dalį likusių backlog stories perkeldavo į kitą sprintą:

pav. 49 Backlog antro sprinto metu



pav. 50 Backlog trečio sprinto metu

Projects / We Don't Byte

Backlog

