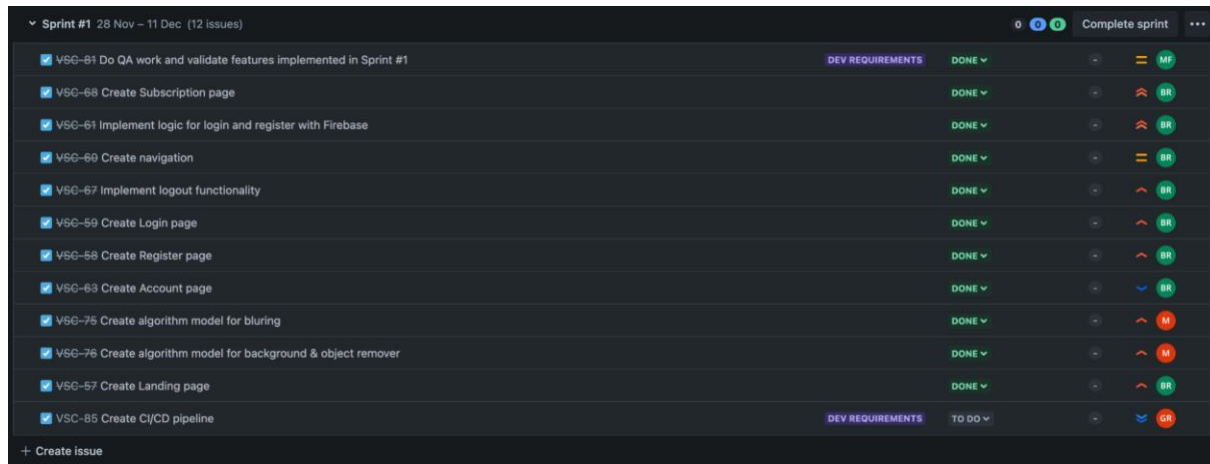


# Sprint Report 1

## Sprint #1 outcome:



Sprint #1 28 Nov – 11 Dec (12 issues)		0	1	2	Complete sprint	...
<input checked="" type="checkbox"/> VSC-81 Do QA work and validate features implemented in Sprint #1	DEV REQUIREMENTS	DONE	+	=	MF	
<input checked="" type="checkbox"/> VSC-68 Create Subscription page		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-61 Implement logic for login and register with Firebase		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-60 Create navigation		DONE	+	=	BR	
<input checked="" type="checkbox"/> VSC-67 Implement logout functionality		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-59 Create Login page		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-58 Create Register page		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-63 Create Account page		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-75 Create algorithm model for blurring		DONE	+	^	M	
<input checked="" type="checkbox"/> VSC-76 Create algorithm model for background & object remover		DONE	+	^	M	
<input checked="" type="checkbox"/> VSC-57 Create Landing page		DONE	+	^	BR	
<input checked="" type="checkbox"/> VSC-85 Create CI/CD pipeline	DEV REQUIREMENTS	TO DO	+	^	BR	

+ Create issue

## Sprint duration:

The sprint took place from 28<sup>th</sup> of November (00:00) until 10<sup>th</sup> of December (23:59).

## Sprint achievements:

- Firebase authentication
- Blurring, object removal and background removal algorithms
- Landing, Register, Login, Account and Subscription pages
- Project navigation
- QA and validation

## Unresolved tasks:

The only unresolved task of the current sprint is the one related to the CI/CD pipeline. There was no need to complete the task in the current sprint and it will be moved to the next sprint.

## User stories:

The user stories related to the tasks in the current sprint are VSC-15, VSC-2, VSC-3, VSC-19, VSC-12, VSC-8. The user stories can be seen in the following image:

▼	✚	VSC-1	User Authentication and Profile Management	
	🟢	VSC-2	As a unregistered user, I want to be able to register, so that I can access the functionalities of the website	DONE
	🟢	VSC-3	As a registered user, I want to be able to log in, so that I can access my content	TO DO
▼	✚	VSC-6	Image Editing	
	🟢	VSC-7	As a user, I want to upload a photo to start the editing process, so that I can personalize and enhance my images	TO DO
	🟢	VSC-8	As a user, I want to apply various filters to enhance the visual appeal of my photo so that it looks more captivating	TO DO
	🟢	VSC-9	As a user, I want to add text overlay to personalize my photo, so that I can convey a message or add context	TO DO
	🟢	VSC-10	As a user, I want to crop my photo to focus on specific elements so that I can control the composition	TO DO
▼	✚	VSC-11	Image Storage	
	🟢	VSC-12	As a user, I want to save my recently edited photos for future access so that I can revisit and share them later	TO DO
	🟢	VSC-13	As a user, I want to delete photos from my storage to manage my gallery and free up space	TO DO
▼	✚	VSC-14	Premium Subscription	
	🟢	VSC-15	As a user, I want to explore premium subscription plans to unlock advanced features so that I can enhance my photo editing e...	TO DO
	🟢	VSC-16	As a premium user, I want photo storage capacity so that I can save memories	TO DO
▼	✚	VSC-18	Integration	
	🟢	VSC-19	As a user, I want a seamless login experience using Firebase so that I can quickly access my account	DONE
	🟢	VSC-20	As a premium user, I want a secure and smooth payment process through Stripe so that I can subscribe without hassles	TO DO
	🟢	VSC-21	As a user, I want my edited photos to be seamlessly stored and retrieved from Firebase so that I can access them anytime	TO DO

## Completed user stories:

- VSC-2
- VSC-19

## Acceptance criteria of the completed user stories:

- VSC-2:
  - Given** I am unregistered
  - When** I navigate to the registration page
  - And** I provide valid registration details
  - Then** I should be successfully registered
  - And** I should be redirected to the home page
- VSC-19
  - Given** I am a user
  - When** I navigate to the login page
  - And** I log in using Firebase authentication
  - Then** I should experience a seamless and quick login process **And** I should be redirected to my account page

## Completed user story points:

The total user story points completed in this sprint:  $3 + 3 = 6$ .

## **Sprint outcome retrospective:**

- **Good:**
  - Most of the tasks were completed on time
  - There were no blockers during the course of the sprint
  - Firebase was a good choice for the project
  - Seamless register, login and account page using Firebase
- **Bad:**
  - The uncompleted task should not have been included in the current sprint
  - Design should have been more carefully thought out

## **Sprint review session:**

The review session included both checking if the tasks were completed successfully and if the integration between them is seamless. All possible flows up to this point were tested, including:

- register, login;
- landing, register, login and account pages;
- checking if the data is correctly saved in Firestore;
- checking if refreshing the page does not produce weird behaviors related to the user (i.e. user is logged in, refreshes the page and is sent to the landing page because the check to see if the user is logged in is not completed before the protected route's check is performed).