

As a user I want to navigate to "The Weather Archive" application in the browser and see a logo and a search bar with a button. (similar to the Google Homepage).	1	0
As a user I want to type into the search bar and to retrieve autocomplete results (topics e.g. cities) in a list.	1	0
As a user I am only able to choose topics (e.g. cities) from the autocomplete.	1	0
As a user I want to retrieve an error message when I am searching for a topic that is not in the autocomplete list.	1	0
As a user I want to be taken to a new site when I select a valid topic from the autocomplete and click on the search button.	1	0
As a user I want to see a heading (topic, e.g. Vienna), a video (a compilation of the time period), a plot of the meta data (temperature, humidity, air pressure - of that time period), a date-picker, and a slider to select the hour of the day on the new page.	1	0
As a user I am only able to select dates that are available.	1	0
As a user I am only able to select hours that are available for the selected date.	1	0
As a user I want to see the logo of "The Weather Archive" on the new page so that I can navigate back to the homepage when I click on it.	1	0
As a user I want to receive good (human readable) error messages when something goes wrong.	1	0
As a web cam I want to be able to communicate via a RESTful Interface to POST data (an image, the topic, and metadata) to the API.	1	0
As a web cam I want to use an API key when communicating with the API to ensure only authenticated users can POST data.	1	0
As a web cam I want to receive good error codes when something goes wrong.	1	0
As API I want to be able to store an image in an object storage.	1	0
As API I want to be able to store data (image location, topic, timestamps, metadata) in a database	1	0
16 As API I want to be able to retrieve the data from the database	1	0
17 As API I want to be able to retrieve data from the S3 Bucket	1	0
As API I want to be able to store data in the Redis Cache	1	0
As API I want to be able to store data in the Redis Cache	1	0
As API I will not access the DB if the requested topic and time period is already in the Redis cache	1	0
As API I will return the cached results if the requested topic and time period is already in the Redis cache	1	0
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As PictureService I want to be able to retrieve data from the S3 Bucket via the API	1	0
As PictureService I want to be able to store data in the S3 Bucket via the API	1	0
As PictureService I want to be able to resize an image (compress)	1	0
As VideoService I want to be scheduled for a specific time period	1	0
As VideoService I want to be able to read the database via the API	1	0
As VideoService I want to be able to create a video based on the images of that topic (that were send from the web cam).	1	0
As VideoService I will only create a video per time period (so a picture that was already used in a past video will not be used for the new schedule).	1	0
As VideoService I want to be able to store a video in a S3 Bucket via the API	1	0
Documentation (Arc42 template)	4	0
Video presentation	6	0
Code Quality	5	0
HAND IN: Arc42 Template	3	0
HAND IN: Frontend Draft	2	0
	50	0