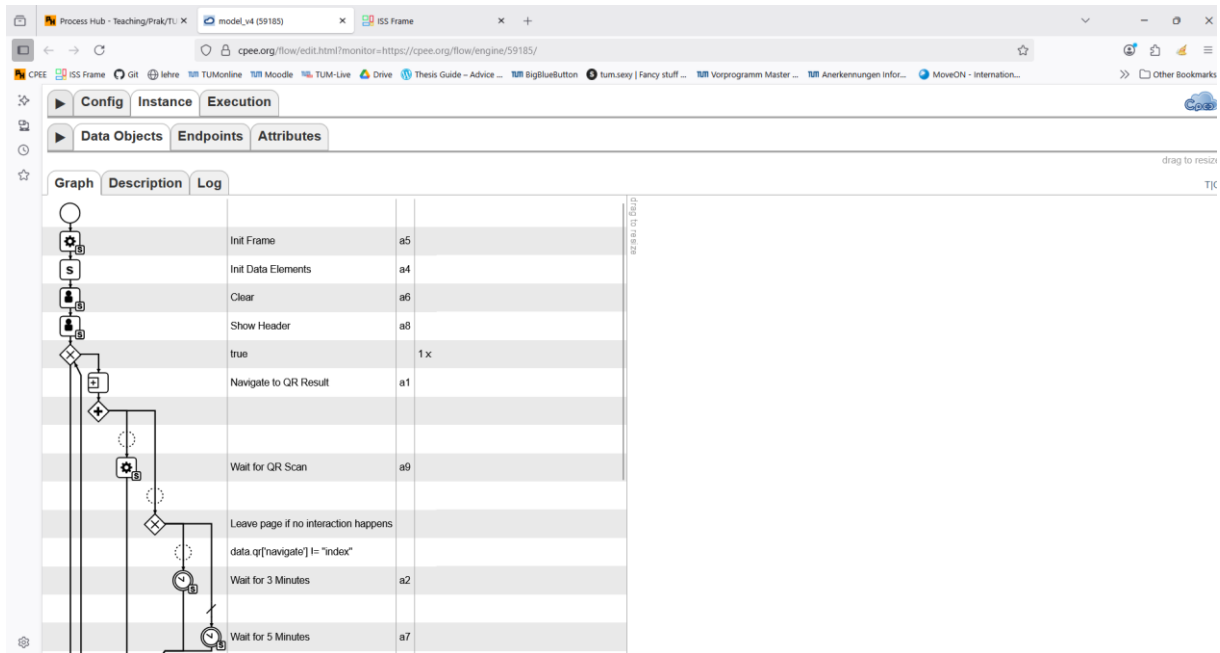
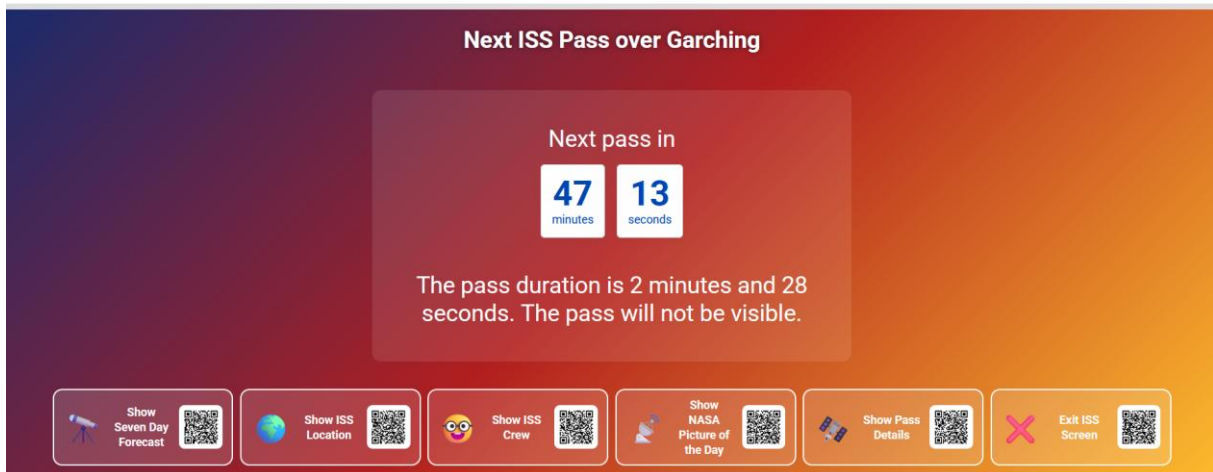


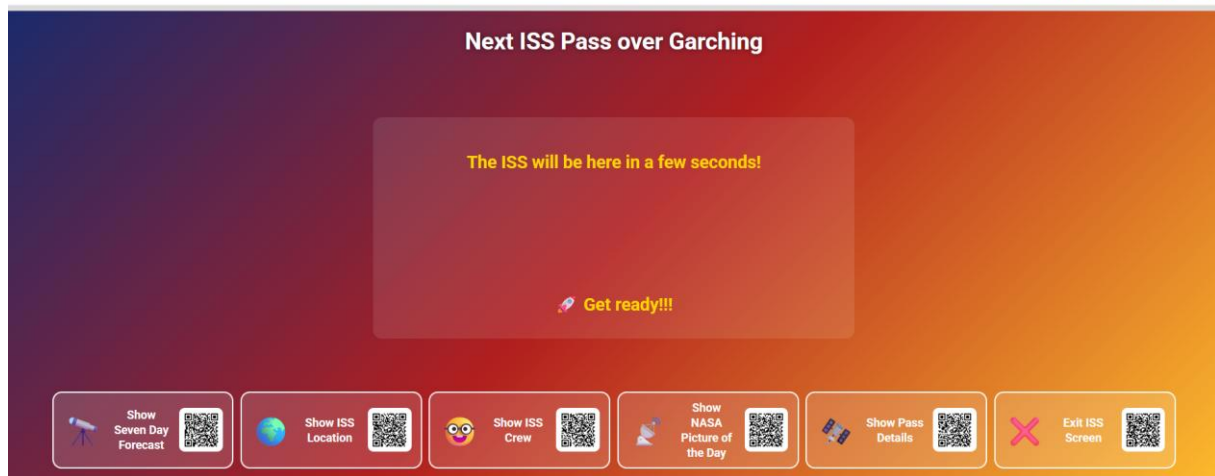
Screenshots



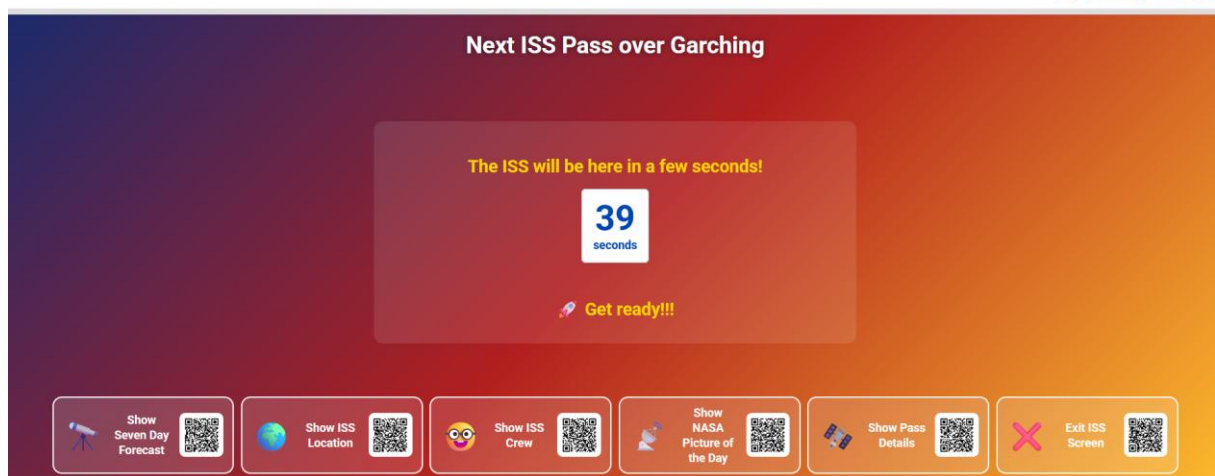
Picture 1: „iss_screen_model.xml“ – Main model on cpee.org



Picture 2: „display/index.html“ – Main page with countdown – More than one minute left until next pass



Picture 3.1: „display/index.html“ – Main page with countdown – Less than one minute left until next pass



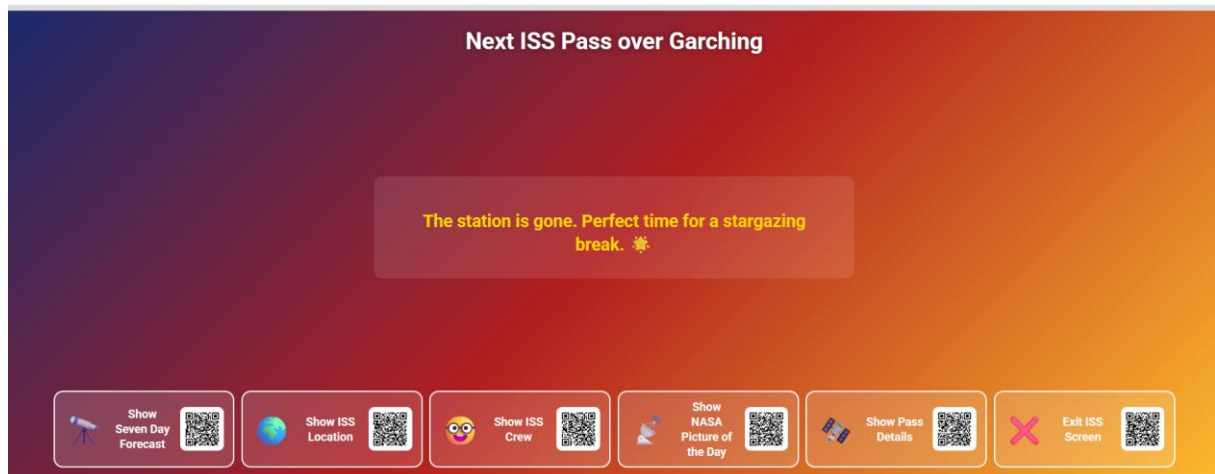
Picture 3.2: „display/index.html“ – Main page with countdown – Less than one minute left until next pass



Picture 4.1: „display/index.html“ – Main page with countdown – During ISS pass



Picture 4.2: „display/index.html“ – Main page with countdown – During ISS pass



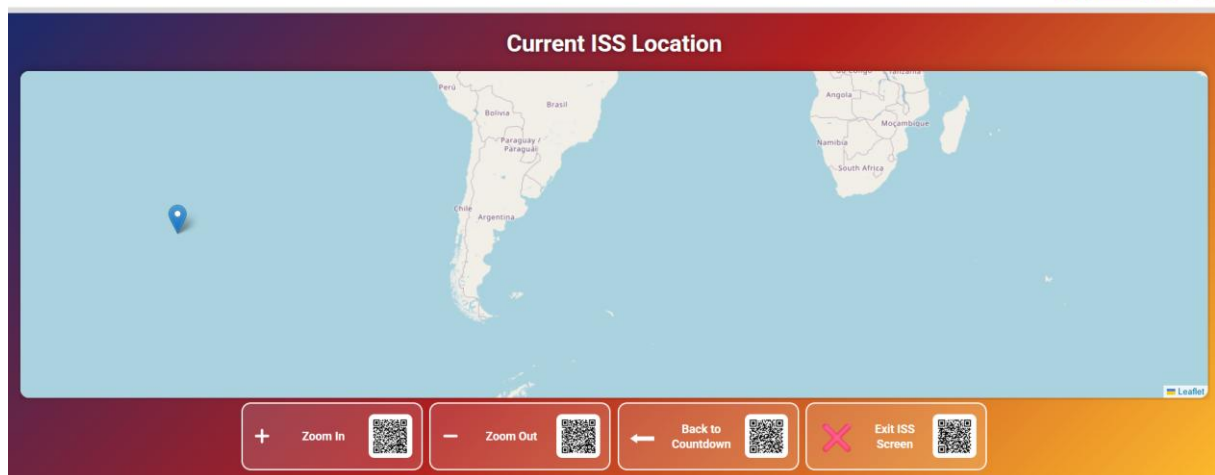
Picture 5.1: „display/index.html“ – Main page with random message – After ISS pass



Picture 5.2: „display/index.html“ – Main page with random message – After ISS pass



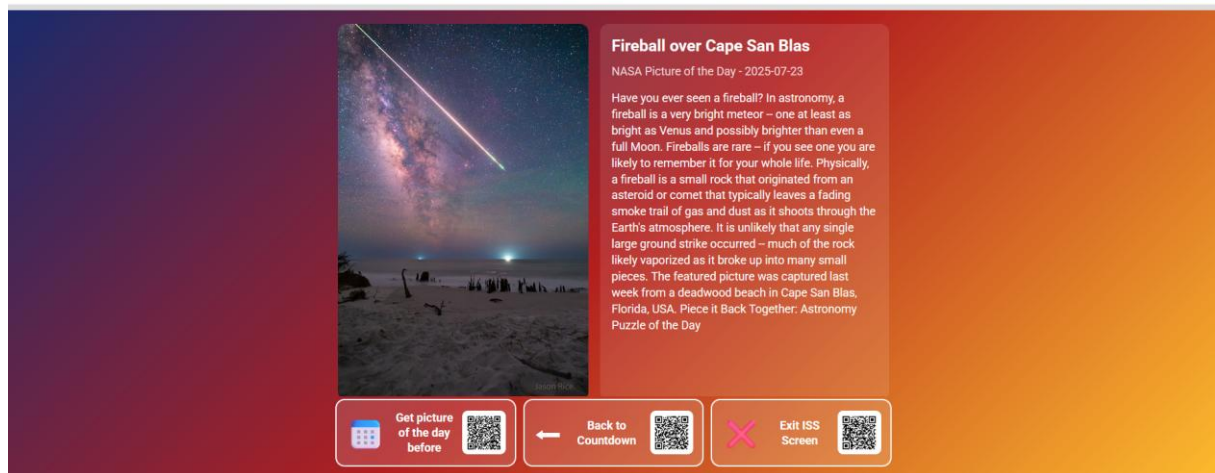
Picture 6: „display/forecast.html“ – Next 10 ISS passes



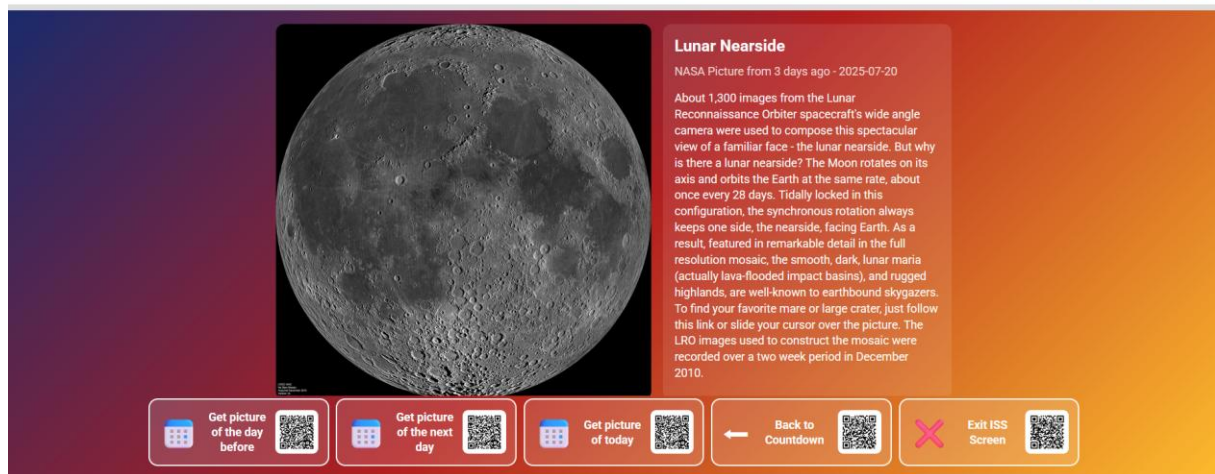
Picture 7: „display/location.html“ – Map with current ISS location



Picture 8: „display/crew.html“ – Current ISS crew



Picture 9.1: „display/picture.html“ – NASA Picture of the Day



Picture 9.2: „display/picture.html“ – NASA Picture of the Day - from three days ago



Picture 10: „display/details.html“ – Details about the next ISS pass

JSON	Raw Data	Headers
Save	Copy	Collapse All Expand All Filter JSON
▼ 0:	duration_sec: 147	
	end: "2025-07-23 15:35:04 CEST"	
	end_timestamp: 1753277704	
	max: "2025-07-23 15:33:50 CEST"	
	max_elevation_deg: 11.6	
	start: "2025-07-23 15:32:36 CEST"	
	start_timestamp: 1753277556	
	visible: false	
▼ 1:	duration_sec: 396	
	end: "2025-07-23 17:13:19 CEST"	
	end_timestamp: 1753283599	
	max: "2025-07-23 17:10:01 CEST"	
	max_elevation_deg: 59.1	
	start: "2025-07-23 17:06:43 CEST"	
	start_timestamp: 1753283203	
	visible: false	
▼ 2:	duration_sec: 392	
	end: "2025-07-23 18:50:07 CEST"	
	end_timestamp: 1753289407	
	max: "2025-07-23 18:46:50 CEST"	
	max_elevation_deg: 49.5	
	start: "2025-07-23 18:43:34 CEST"	
	start_timestamp: 1753289014	
	visible: false	
▼ 3:	duration_sec: 394	
	end: "2025-07-23 20:27:12 CEST"	
	end_timestamp: 1753295232	
	max: "2025-07-23 20:23:55 CEST"	
	max_elevation_deg: 52.4	
	start: "2025-07-23 20:20:38 CEST"	
	start_timestamp: 1753294838	
	visible: false	
▼ 4:	duration_sec: 390	
	end: "2025-07-23 22:03:19 CEST"	
	end_timestamp: 1753301019	
	max: "2025-07-23 21:59:52 CEST"	
	max_elevation_deg: 52.4	
	start: "2025-07-23 21:56:35 CEST"	
	start_timestamp: 1753300635	
	visible: false	

JSON	Raw Data	Headers
Save	Copy	Collapse All Expand All Filter JSON
azimuth_end_deg:	112.4	
azimuth_start_deg:	156.0 (JS: 156)	
brightness_estimate:	"faint"	
direction:	"SE → E"	
duration_sec:	147	
end:	"2025-07-23 15:35:04 CEST"	
end_timestamp:	1753277704	
max:	"2025-07-23 15:33:50 CEST"	
max_elevation_deg:	11.6	
start:	"2025-07-23 15:32:36 CEST"	
start_timestamp:	1753277556	
visible:	false	

Picture 11: „pass_server/pass_service.py” – Predictions for the next ISS passes from the endpoints “passes” and “next_pass”