

# Diploma project

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Variant: 7

Stream: 24

2022

# APPLICATION TASK AND UI

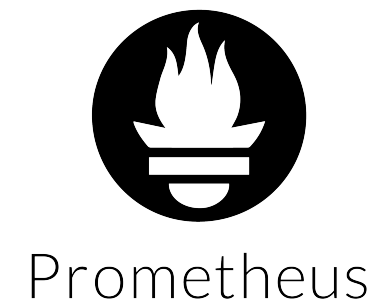
апрель 2022 г.  <span>search</span> <span>update</span> <span>stress</span> <span>Hostname: 04ff13c8387f</span> <span>Moscow</span>								
ID	DESC	ABBR	WIND	PREDICTION	PREDICT FOR	TEMP MIN	TEMP MAX	TEMP CURRENT
5323655190937600	Snow	sn	E	2022-04-01	2022-04-01	-1.2	2.4	1.5
6650612851671040	Snow	sn	ENE	2022-04-02	2022-04-02	-2.3	0.8	1.1
5527182584578048	Snow	sn	N	2022-04-03	2022-04-03	-5.7	1.3	0.8
5562170495467520	Snow	sn	S	2022-03-28	2022-04-04	-4.1	2.2	1.4
4543850761682944	Snow	sn	S	2022-03-31	2022-04-05	-3.9	3.4	2.5
5502125946699776	Snow	sn	SE	2022-03-30	2022-04-06	-1.4	3.8	2
4691041304182784	Snow	sn	SW	2022-03-31	2022-04-07	-1	3.3	3.3
6481210223099904	Snow	sn	NNW	2022-04-01	2022-04-08	0.6	6.2	2.9
5528833496186880	Snow	sn	SSE	2022-04-02	2022-04-09	0.1	8.6	1.3
5456108895338496	Snow	sn	SW	2022-04-02	2022-04-10	0	7.1	5.8
5234457310134272	Snow	sn	W	2022-04-04	2022-04-11	1.3	5.2	4.5
6446830679228416	Snow	sn	WSW	2022-04-05	2022-04-12	1.6	5.5	4.8
5778631042269184	Snow	sn	NNW	2022-04-05	2022-04-13	1.2	3.6	2.6
4887537433706496	Hail	h	NNW	2022-04-08	2022-04-14	2.5	4.9	1.5
5693569617625088	Snow	sn	WNW	2022-04-08	2022-04-15	0.3	1.5	1.2
4594938055491584	Snow	sn	NW	2022-04-09	2022-04-16	-1.4	1.9	1.4
4635419263107072	Snow	sn	N	2022-04-10	2022-04-17	-1.1	3.3	1.9

Variant 7. Using API <https://www.metaweather.com/api/> get data about weather in Moscow for current month and store it into your DB: id, weather\_state\_name, wind\_direction\_compass, created, applicable\_date, min\_temp, max\_temp, the\_temp. Output the data by date (the date is set) in form of a table and sort them by created in ascending order.

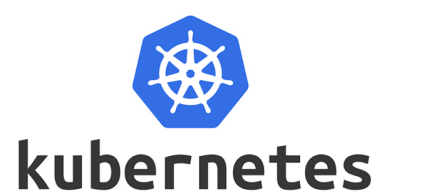
2022

# ENVIRONMENT

1. <https://github.com/Heyzi/diploma>
2. Branches: main, development



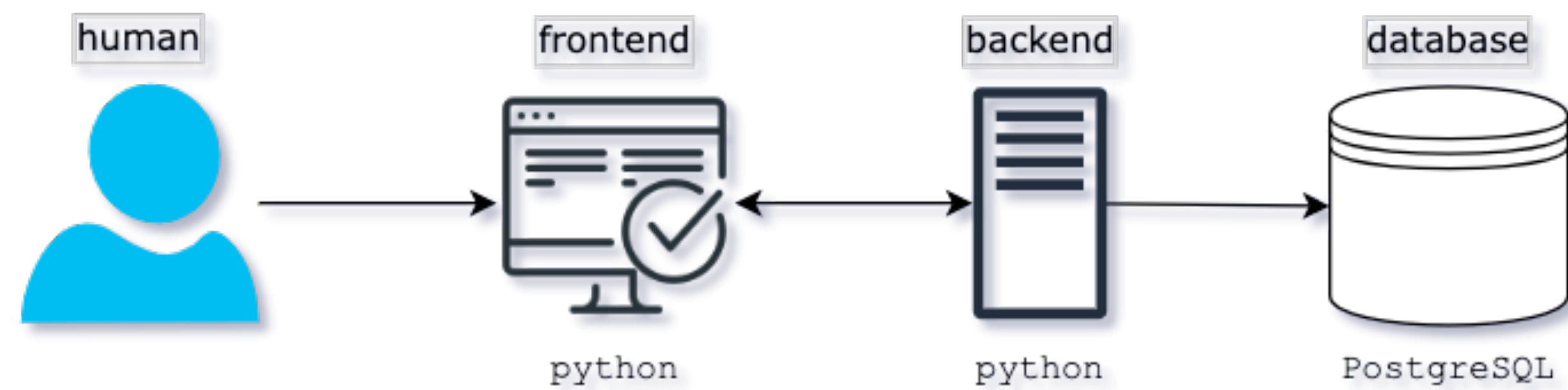
Amazon ECR



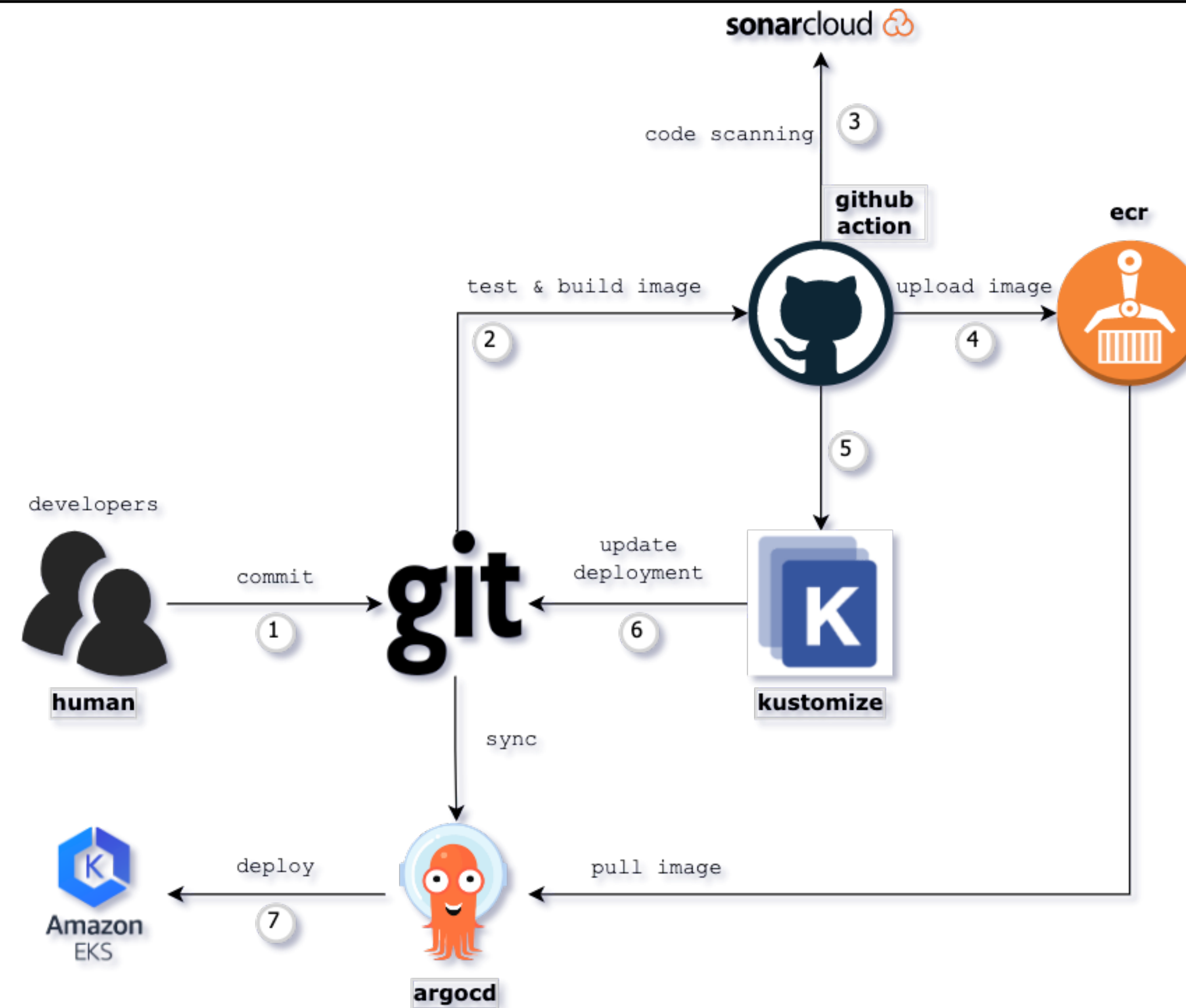
2022



# APPLICATION SCHEMA



# CI\CD SCHEMA



2022

# Cost calculation

2022