

Realtime Database:

What information is being collected

nodes	key	when is it updated	example value	comment
sessions		A user clicks "I understand and willing to proceed"		
	session_id		123	It gets incremented by one every time a user clicks the "I understand and willing to proceed" button.
user_sessions		A user clicks "I understand and willing to proceed"		
	session_id		123	A unique session_id is granted to users when they click the "I understand and willing to proceed" button. If a user refreshes the web page, a new session_id will be assigned.
	abtest_id		0	A random abtest_id(either 0 or 1) is granted to users, which can be used to decide which algorithm the system will use.
	timestamp		2022-01-01 00:00:00	Timestamp at the time when the user is granted session_id
query		A user clicks one of their favorite titles from the list		
	session_id		123	A session_id granted to a user
	title_id		30001	A title_id that a user clicked from the table
	timestamp		2022-01-01 00:01:00	Timestamp at the time when the user clicked the title_id
test		A user clicks button in the recommender list		
	session_id		123	A session_id granted to a user
	abtest_id		0	An abtest_id granted to a user
	title_id		30002	A title_id that a user clicked from the recommender list
	relevant_index		3	An index of title_id that a user clicked from the recommender list. For example, if a user clicked the first title_id pushed from the system, the relevant_index should be 1.
	timestamp		2022-01-01 00:02:00	Timestamp at the time when the user clicked the button

Flow Chart

