

EINS

Data Diagram

18/06/2020



Data Category	Data Point	Purpose	Deletion period	Access rights	Storage Location
Registration	App Id hashed	<ul style="list-style-type: none"> A unique identifier for the server to be able to associate certain information to a device. For example the device public key. Used so that a user can revoke access to any shared information with the server. 	<p>User can delete it from server within the app.</p> <p>Deleted from the device immediately when the app is deleted</p>	GCF Via Delta	<ul style="list-style-type: none"> Device Server
Registration	Device Key Pair	<ul style="list-style-type: none"> Private key: This is securely stored and never leaves the device. Used to generate device signatures. Public Key: Shared with the server upon registration so that the device can authenticate with a signature in future 	<p>User can delete it from server within the app.</p> <p>Deleted from the device immediately when the app is deleted</p>	GCF Via Delta	<ul style="list-style-type: none"> Device (both) Server (public key)
Registration	Country (taken from device settings)	<ul style="list-style-type: none"> To display correct country statistic information to the user To track submitted survey information For contact tracing region as per DP-3T 	<p>User can delete it from server within the app.</p> <p>Deleted from the device immediately when the app is deleted</p>	GCF Via Delta	<ul style="list-style-type: none"> Device Server
Registration	Language (taken from device settings)	<ul style="list-style-type: none"> To establish what language the user should see on their application 	<p>User can delete it from server within the app.</p> <p>Deleted from the device immediately when the app is deleted</p>	GCF Via Delta	<ul style="list-style-type: none"> Device Server
Registration	Device Operating system	<ul style="list-style-type: none"> Helps with developing service differences between iOS and Android 	User can delete it from	GCF Via Delta	<ul style="list-style-type: none"> Device Server

			<p>server within the app.</p> <p>Deleted from the device immediately when the app is deleted</p>		
Registration	Push Token	<ul style="list-style-type: none"> Optional If the user gives permission, used to send push notifications. 	<p>User can delete it from server within the app.</p> <p>Deleted from the device immediately when the app is deleted</p>	GCF Via Delta	<ul style="list-style-type: none"> Device Server
Registration	Age of user (if over 16 or under)	<ul style="list-style-type: none"> To store that info as it is needed for further consent screens later 	Deleted from the device immediately when the app is deleted	GCF Via Delta	<ul style="list-style-type: none"> Device
Survey	COVID Status	<ul style="list-style-type: none"> Optional Only shared if the user gives permissions Used for statistical reasons to aid in epidemiological studies For positive users: Allows for information to be shared in order for contact tracing to occur 	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> Device Server (if permission is given)
Survey	Date of submission	<ul style="list-style-type: none"> If any Survey data is shared, it is shared together with the date of submission To avoid repeated submission 	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> Device Server (if permission is given)
Survey	Age of user	<ul style="list-style-type: none"> Optional Only shared if the user gives permissions Used for statistical reasons to aid in epidemiological studies 	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> Device Server (if permission is given)

Survey	Test Dates (positive and negative)	<ul style="list-style-type: none"> Optional Only shared if the user gives permissions Used for statistical reasons to aid in epidemiological studies 	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> Device Server (if permission is given)
Survey	Start date of symptoms	<ul style="list-style-type: none"> Optional Only shared if the user gives permissions Used for statistical reasons to aid in epidemiological studies 	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> Device Server (if permission is given)
Survey	Symptoms	<ul style="list-style-type: none"> Optional Only shared if the user gives permissions Used for statistical reasons to aid in epidemiological studies 	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> Device Server (if permission is given)
Contact Tracing	Device Ephemeral Id	<ul style="list-style-type: none"> To uniquely identify a device in a cryptographically secure anonymous manner. 	Immediately upon deletion of the app 21 days after creation	GCF Via Delta	<ul style="list-style-type: none"> Device Other contact tracing devices (within Bluetooth range) Eins DP-3T Server (if user tests positive and chooses to notify other users)
Contact Tracing	Received Ephemeral Id (Contact Log)	<ul style="list-style-type: none"> To track all contacts between a device and other devices with the DP-3T system. 	Immediately upon deletion of the app 21 days after recording	GCF Via Delta	<ul style="list-style-type: none"> Device
Contact Tracing	Day of Contact (contact Log)	<ul style="list-style-type: none"> Used to track time period of contact in a rough manner in order to ensure that only contacts that occur during a user's infectious period are utilised 	Immediately upon deletion of the app 21 days after recording	GCF Via Delta	<ul style="list-style-type: none"> Device

Contact Tracing	Exposure Measurement	<ul style="list-style-type: none"> Used to signify the strength of the signal during contact. Needed to determine the exposure risk factor during a contact period 	<p>Immediately upon deletion of the app</p> <p>21 days after recording</p>	GCF Via Delta	<ul style="list-style-type: none"> Device
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