

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

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

Survey	Test Dates (positive and negative)	<ul style="list-style-type: none"> <li>Optional</li> <li>Only shared if the user gives permissions</li> <li>Used for statistical reasons to aid in epidemiological studies</li> </ul>	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> <li>Server (if permission is given)</li> </ul>
Survey	Start date of symptoms	<ul style="list-style-type: none"> <li>Optional</li> <li>Only shared if the user gives permissions</li> <li>Used for statistical reasons to aid in epidemiological studies</li> </ul>	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> <li>Server (if permission is given)</li> </ul>
Survey	Symptoms	<ul style="list-style-type: none"> <li>Optional</li> <li>Only shared if the user gives permissions</li> <li>Used for statistical reasons to aid in epidemiological studies</li> </ul>	Upon deletion of the app on the device	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> <li>Server (if permission is given)</li> </ul>
Contact Tracing	Device Ephemeral Id	<ul style="list-style-type: none"> <li>To uniquely identify a device in a cryptographically secure anonymous manner.</li> </ul>	Immediately upon deletion of the app  14 days after creation	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> <li>Other contact tracing devices (within Bluetooth range)</li> <li>Eins DP-3T Server (if user tests positive and chooses to notify other users)</li> </ul>
Contact Tracing	Received Ephemeral Id (Contact Log)	<ul style="list-style-type: none"> <li>To track all contacts between a device and other devices with the DP-3T system.</li> </ul>	Immediately upon deletion of the app  14 days after recording	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> </ul>
Contact Tracing	Day of Contact (contact Log)	<ul style="list-style-type: none"> <li>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</li> </ul>	Immediately upon deletion of the app  14 days after recording	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> </ul>

Contact Tracing	Exposure Measurement	<ul style="list-style-type: none"> <li>Used to signify the strength of the signal during contact. Needed to determine the exposure risk factor during a contact period</li> </ul>	<p>Immediately upon deletion of the app</p> <p>14 days after recording</p>	GCF Via Delta	<ul style="list-style-type: none"> <li>Device</li> </ul>
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