

Detailed Flow for Account Deletion and Re-registration in MaaReva App

1. Account Deletion (Soft Delete) Process:

- For both **Buyers and PCAs**, account deletion will be a **soft delete**. This means:
 - The account is marked as **inactive** in the system, but the data is not permanently erased. It remains in the database or server backup.
 - The app will update the user's account status to "**Deleted**", but all the history, transactions, and records will remain stored securely.

2. Buyer Account Deletion:

- When a **buyer** deletes their account:
 - **Data/history will be erased (hidden)**: The data will be soft deleted, meaning the buyer's history (transactions, purchases, etc.) is not visible in the front-end, but it will remain retrievable in the backend.
 - **Associated PCAs become inactive**: All PCAs linked to this buyer will be marked as **inactive** on the MaaReva platform. They won't be able to perform any tasks under this buyer until reactivated.

3. Buyer Re-registration:

- If a **buyer re-registers** with the **same mobile number**, the following process occurs:
 - The buyer can request their **previous data and history** to be restored.
 - If the buyer chooses to retrieve their old history, all **previous transactions and records** will be made visible again.
 - The **associated PCAs** (who were linked to the buyer before deletion) will also be listed again.
 - The buyer will have the option to **reactivate** their PCAs (allow them to continue working for the buyer) or remove them if no longer needed.

4. Buyer Account Deletion Impact on PCA:

- When a buyer deletes their account:
 - The **PCAs linked to the buyer's profile** will be marked as **inactive**. They won't be able to perform tasks or use the platform under that specific buyer.
 - However, if the buyer re-registers, the PCA will **regain access** and be reactivated if the buyer chooses to continue working with them.

5. PCA Account Deletion:

- **PCA has two profiles:** A PCA can either work under a **Buyer PCA** profile (linked to a buyer) or as an **Individual PCA** (working independently).
- When a PCA initiates account deletion:
 - The system will present them with an **alert** asking whether they want to delete:
 - **Buyer PCA** (Profile under the buyer)
 - **Individual PCA** (Profile working independently)
 - **Both** profiles
 - Based on the PCA's choice:
 - If they delete the **Buyer PCA** profile: They will continue to work independently, but the link to the buyer's account will be removed.
 - If they delete the **Individual PCA** profile: They will still remain active under the buyer's profile.
 - If they delete **both** profiles: Their account will be soft deleted across all profiles.

6. Post-Deletion Behaviour for PCA:

- If a PCA is working under both profiles and chooses to delete only one, they will still be able to continue operations under the remaining active profile.
- This gives the PCA flexibility to choose whether they want to work independently or under a buyer, without losing their ability to operate in the system.

Key Points for Developers:

- **Soft Deletion Mechanism:** Ensure that accounts are **soft deleted**, meaning data is not permanently lost but only marked as inactive in the system.
- **Conditional Re-activation:** Implement checks for when a buyer or PCA re-registers, allowing them to retrieve their old history upon request.
- **Flexible Account Deletion for PCAs:** Develop a system that allows PCAs to choose which profile they want to delete and handle their account deletion based on their selection.
- **Database Structure:** Ensure proper handling of inactive data in the backend, allowing easy retrieval during re-registration.