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| Name | Register the system |
| Actor | User (Individual User, Third Party) |
| Entry Conditions | Individual/third party has installed the application to his/her device. |
| Events flow | 1. Click to “Not a member? Sign up.” Button. 2. Fill the mandatory fields. 3. Click to “Register” button. 4. Registration data will be saved by the system. |
| Exit conditions | Individual/Third party has successfully registered to the system and ready to use the application. |
| Exceptions | 1. Individual/Third party has already registered. 2. Individual/Third party did not fill all of the mandatory fields. 3. Data in the mandatory fields are not valid. |

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| Name | Share information of personal, health status and location |
| Actor | Individual |
| Entry Conditions | Individual has appoved data request with third party. |
| Events flow | 1. Third party makes an individual data request. 2. Pre-confirmed list of individual is checked. 3. If the third party is on the pre-confirmed list. 4. If the third party is not on the pre-confirmed list, the notification is sent to individual and the request is showed by the system. 5. This request is accepted. |
| Exit conditions | The information of individual is shared with third party. |
| Exceptions | 1. The third party request an invalid data. |

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| Name | Approve Request |
| Actor | Individual |
| Entry Conditions | A notification about the individual data request of third party is sent to individual. |
| Events flow | 1. Third party is not on the pre-confirmed list of individual. 2. In order to get the permission of individual for the data request, an approval notification is sent to individual. |
| Exit conditions | Individual approves the request. |
| Exceptions | 1. The request is rejected. |

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| Name | Reject Request |
| Actor | Individual |
| Entry Conditions | A notification about the individual data request of third party is sent to individual. |
| Events flow | 1. Third party is not on the pre-confirmed list of individual. 2. In order to get the permission of individual for the data request, an approval notification is sent to individual. |
| Exit conditions | Individual rejects the request. |
| Exceptions | 1. The request is approved. |

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| Name | View Request |
| Actor | Individual |
| Entry Conditions | A notification about the individual data request of third party is sent to individual. |
| Events flow | 1. Third party is not on the pre-confirmed list of individual. 2. In order to get the permission of individual for the data request, an approval notification is sent to individual. |
| Exit conditions | The data request is either approved or rejected. |
| Exceptions | 1. The request is approved. |

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| Name | Ask Data Sharing Approval |
| Actor | Individual |
| Entry Conditions | Third party is not on the pre-confirmed list of individual. |
| Events flow | 1. An approval request for getting the permission of the individual about the request of third party is sent to individual by the system. 2. Individual respond to the approval request of the system. |
| Exit conditions | If individual accept the request, system will share data with the third party. If individual rejects the request, then data will not be shared with third party. |
| Exceptions | - |

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| Name | Spectate Runners on Map |
| Actor | Individual (Spectator) |
| Entry Conditions | Spectator enters the code of the run. |
| Events flow | 1. Spectator clicks “Spectate” button under the Track4Run service. 2. The map that shows the location of runners on the path is displayed. |
| Exit conditions | Spectators track the runners from map. |
| Exceptions | 1. The code is not valid. 2. There might be a temporary problem while displaying the map. |

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| Name | Register for Run |
| Actor | Individual (Runner) |
| Entry Conditions | Runner enters the code of the run. |
| Events flow | 1. Runner clicks “Runner” button under the Track4Run service. |
| Exit conditions | Runner enrolls the run successfully. |
| Exceptions | 1. The code is not valid. |