Process Numbers

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| Process Number | 1 |
| Process Name | Manage search |
| Purpose | Help patients and tracker to find professional doctors with good rate. |
| Input data flow | Doctor’s specialization. |
| Output data flow | Sorted list of doctors by their rate. |
| Process Discerption | Patient or tracker will search on doctors with specific specialization and see their profiles. |
| Notes |  |

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| Process Number | 2 |
| Process Name | Manage chat |
| Purpose | Make communication between users. |
| Input data flow | User information and message. |
| Output data flow | Print sent if message arrived to distention otherwise print error. |
| Process Discerption | User sends messages for other users, Message will be saved in chat storage. |
| Notes |  |

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| Process Number | 3.1 |
| Process Name | Manage prescription |
| Purpose | Send patient’s doctor prescription to the patient, notify his/her tracker with updates. |
| Input data flow | Medicines names and its details(dose, …etc.). |
| Output data flow | Prescription made successfully and doctor notes will be added. |
| Process Discerption | Doctor writes medicines names and their details, notify tracker, save notification and prescription. |
| Notes |  |

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| Process Number | 3.2 |
| Process Name | Edit/Update prescription |
| Purpose | Edit prescription by patient’s doctor, notify patient, tracker with updates. |
| Input data flow | Medicines names and its details(dose, …etc.). |
| Output data flow | Prescription made successfully and doctor notes will be added. |
| Process Discerption | Doctor edits medicine list and its details, notification will be sent to patient and patient’s tracker. |
| Notes |  |

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| Process Number | 4 |
| Process Name | Manage tracking |
| Purpose | Help Tracker to track patient’s health, prescriptions, medicine time, …etc. |
| Input data flow | Tracker’s info. |
| Output data flow | Tracker will be added successfully. |
| Process Discerption | Patient adds his/her tracker, notification to tracker and doctor will be sent. |
| Notes |  |

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| Process Number | 5 |
| Process Name | Manage Notification |
| Purpose | Notify users when related action happened to them. |
| Input data flow | Information of every update(action) in system. |
| Output data flow | Send Notification to action’s related users. |
| Process Discerption | Notification will be sent by system to action’s related users about the action and its details. |
| Notes |  |

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| Process Number | 6 |
| Process Name | Serve doctor |
| Purpose | A profile of doctor which contain everything about him/her. |
| Input data flow | Rate, Doctor’s schedule and doctor profile info. |
| Output data flow | Send messages to doctor about his patient and feedback |
| Process Discerption | Patient sends rate and take appointment, It will be saved at users info storage and doctor will see it every time and make updates if he want. |
| Notes |  |

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| Process Number | 7 |
| Process Name | Manage Pharmacies |
| Purpose | Display Medicines list for every pharmacy. |
| Input data flow | Update medicine information. |
| Output data flow | Pharmacy’s medicine list. |
| Process Discerption | Pharmacies will add/update medicine information, Quantities, ...etc. Updated medicine list will be saved in medicine storage. |
| Notes |  |