# Use-Case Specification

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| **Use Case Name:** | Vaccine Booking |

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| 1. **Description** |
| The user is going to login and will be able to book slot for the first/second dosage of the covid vaccine. |

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| 1. **Actors** – *(add lines as needed)* |
| Actor 1: System User  Actor 2: *System itself* |

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| 1. **Assumptions / Constraints** – *Judgements concerning unknown factors and the future which are made in analyzing courses of action, or outside of the control of the project team.* |
| 1. The user is a real person (Assumption) 2. The user has an email address (Constraint) 3. The user has a password (Constraint) 4. The user has a postal code (Constraint) 5. The user has a DOB (Constraint) 6. The user has a mobile number (Constraint) 7. The user has a First and Last Name (Constraint) |

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| 1. **Pre-Conditions** – *What conditions must be present before this Use Case can be used? What triggers the Use Case?* |
| 1. The current user is NOT logged in (anonymous state) 2. The user may **or** may not be already registered for the system 3. Any public should be able to proceed with the vaccination booking system 4. The user must register to complete the booking process 5. The user must be allowed to take second dosage only after taking the first dosage of covid vaccine. 6. The user must provide his personal details for the booking 7. The user must be able to select his location, date, and time for the vaccination 8. The user must accept to the terms and conditions applied (Constraint)   8. The user must be able to see a confirmation of the booking. |

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| 1. **Basic Flow** – *Describe the most common version of this Use Case. (Add lines as needed)* | | |
| **Flow Identifier:** User vaccine booking, the flow for an anonymous user to book the vaccine in his nearby available location based on his availability through an authorized registration process. | | |
| **Step** | **User Action** | **System Response** (optional) |
|  | Home Page |  |
| 1 | **Book Now** |  |
|  | User clicks on Book Now button | The control goes to Book Vaccination Page |
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| 2 | **Book Vaccination Page** |  |
|  | User clicks on First Dosage or Second Dosage button | The control goes to Location Tab |
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| 3 | **Select Location** |  |
|  | User enters the postal code | The Vaccination center locations nearby the user’s postal code are listed. |
|  |  | User can click on the location whichever is required, the system control allows the user to see the provider and vaccination details. |
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| 4 | **Select a provider** |  |
|  | User can select the slot from the list of available slots other than the default chosen slot by system. | The user sees the details of the vaccination and the default booking slot (date and time) |
|  |  | The user can click on the ‘default slot (Book Now: date @ time)’ button or user can click on ‘View all Availability’ button. |
|  |  | The system control to the list of the available for slots for next 3 days. |
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| 5 | **Select the appointment time** |  |
|  | User can click on any of the available list of time slots for a particular for 3 calendar days. | The control goes to the Sign-In page for the user account generation. |
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| 6 | **Sign-In** |  |
|  | User enters email and password if already registered | The system verifies for the username and password, if matches the database then goes to confirmation page. |
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| 7 | **Forgot Password** |  |
|  | User enters email | If exists send user an email with his password |
|  |  | If not exists prompt the user to register to login. |
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| 8 | **Register** |  |
|  | Complete the registration form and click on register button | User enters personal details, email and password and confirm password fields. |
|  |  | User must check the terms and conditions and click on ‘Register’. |
|  |  | The system gets directed to the confirmation page for the vaccination booking. |
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| 9 | **Booking Confirmation** |  |
|  | User views the confirmation slot details like location, date, and time. | User can log out of the webpage after booking is done. User exit. |