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| Use case Name: | Register |
| Actors: | Lab Doctor |
| Basic Flow: | 1. Open Home page 2. Click on register button 3. Enter your information 4. Click register button |
| Pre-conditions: | Open Registration Page |
| Alternative flow: | 1. If Data entered are not vailed 2. The user re-enter information |
| Post-conditions: | The Data Saved and the user is Created successfully |

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| Use case Name: | Login |
| Actors: | Lab Doctor |
| Basic Flow: | 1. Open Home page 2. Click on Login button 3. Enter your information 4. Click Login button |
| Pre-conditions: | Open Login Page and Enter email and password |
| Alternative flow: | 1. If Data entered are not vailed 2. The user re-enter information |
| Post-conditions: | The Data are accepted, and the user is logged in successfully and Send to the home page |

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| Use case Name: | Show Lab Data |
| Actors: | Lab Doctor |
| Basic Flow: | 1. Open Home page 2. Click on Login button 3. Enter your information Click Login button 4. Go to Profile 5. Press Scan QR 6. Press View information Button |
| Pre-conditions: | Must be logged In and Scan QR |
| Alternative flow: | 1. QR not Scanned Correctly 2. Rescan QR Code |
| Post-conditions: | The Lab Doctor access lab info about specific patient |

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| Use case Name: | Add analytics |
| Actors: | Lab Doctor |
| Basic Flow: | 1. Open Home page 2. Click on Login button 3. Enter your information Click Login button 4. Go to Profile 5. Scan QR Code 6. Press on Add patient Data 7. Enter Lab result Data 8. Press Add Data |
| Pre-conditions: | Must be Logged In /Scan QR Code |
| Alternative flow: | 1. The QR not Scanned correctly 2. Rescan the Scan The QR 3. Data are Not Valid 4. Re-enter lab result Data |
| Post-conditions: | The patient Data is updated, and the lap result Data are add to his account |

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| Use case Name: | Upload X-rays |
| Actors: | Lab Doctor |
| Basic Flow: | 1. Open Home page 2. Click on Login button 3. Enter your information Click Login button 4. Go to Profile 5. Scan QR Code 6. Press on Add patient Data 7. Press on choose X-rays 8. Choose X-rays from File 9. Press Upload x-rays |
| Pre-conditions: | Must be Logged In /Scan QR Code |
| Alternative flow: | 1. The QR not Scanned correctly 2. Rescan the Scan The QR 3. The file not the supported format 4. Re upload the x-rays |
| Post-conditions: | The file uploaded successfully to the patient account |

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| Use case Name: | Lab Statistics |
| Actors: | Lab Doctor |
| Basic Flow: | 1. Open Home page 2. Click on Login button 3. Enter your information Click Login button 4. Go to Profile 5. Press on Show Lap Statistics |
| Pre-conditions: | Must be Logged In |
| Alternative flow: | n/a |
| Post-conditions: | The Lab Doctor will view statistics about all lab results |

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| Use case Name: | Check and Submit |
| Actors: | Lab Doctor |
| Basic Flow: |  |
| Pre-conditions: |  |
| Alternative flow: |  |
| Post-conditions: |  |