**INDEX**

|  |  |  |
| --- | --- | --- |
| Abstract  List of Figures  List of Tables | | i  ii  v |
| **S. No** | **Chapter Title** | **Page** |
| **1** | Introduction   * 1. Parking And Car Park   2. Multi-Storey Car Park | 1  2 |
| **2** | Literature review   * 1. Overall Survey   2. Basic System Design   3. Intelligent Agents   4. Electronic Commerce   5. Statistics and Research   6. E-Parking System   7. Smart Payment System | 6  9  11  12  12  13  14 |
| **3** | Methodology   * 1. JSP Technology   2. JSP Processing   3. Android   4. Android Architecture   5. Use Case Diagram | 16  16  18  19  23 |
| **4** | Tools Used   * 1. Software   2. Hardware   3. Java Technology   4. MYSQL   5. Java server pages   6. Apache tomcat server | 25  25  26  26  27  27 |
| **5** | Data Collection   * 1. Database | 28 |
| **6** | Implementation   * 1. Steps for creating and configuring web app using eclipse      1. Chose a server runtime environment      2. Create a J2EE web project with a web module   2. Tree Hierarchy of Web App   3. Flow Chart   4. Database Connectivity   5. Ajax   6. Email Utility for Forgot Password   7. Servlets   8. Web Services   9. Android App | 32  33  36  39  40  41  41  42  42  43  44 |
| **7** | Testing and Summary of Results   * 1. RestClient      1. Authentication Web Service      2. Getting details of a particular slot      3. Fetching floor details      4. Forgot password Web Service      5. Registration Web Service   2. Results      1. Web Application         1. Login Page         2. Registration Page         3. Terms and Conditions         4. Main page         5. Booking a Slot         6. Profile Page         7. Forgot Password Facility      2. Android Application         1. Login Activity         2. Registration Activity         3. Booking Activity         4. Forgot Password | 48  49  50  51  52  53  54  54  55  56  57  58  59  60  61  61  62  63  64 |
| **8** | Applications, Limitations, Conclusions And future Scope | 65 |