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| --- | --- | --- | --- | --- | --- |
| Project Name – Retail E-Commerce Price Tracker | | | | | |
| Business Requirements Document | | Functional Requirements Document | |  | Test Case Document |
| Business Requirement ID | Business Requirements/Business Use Case | Functional Requirement ID | Functional Requirement/Use Case | Priority | Test Case ID |
| BR\_1 | User Authentication | FR\_1 | User Registration/Signup | High | TC\_1 |
|  |  | FR\_2 | Secure Login authentication | High | TC\_2 |
|  |  |  |  |  |  |
| BR\_2 | Comprehensive product search | FR\_3 | Search from dropdown | High | TC\_3 |
|  |  | FR\_4 | Search by category | Medium | TC\_4 |
|  |  |  |  |  |  |
| BR\_3 | Security and Privacy | FR\_5 | Security measures to protect user information | High | TC\_5 |
|  |  | FR\_6 | Ethical scraping practices | High | TC\_6 |
|  |  | FR\_7 | Using distributed server for isolation of scrapping and public server | Medium | TC\_7 |
| BR\_4 | Data aggregation, comparison and population | FR\_8 | Product Information Storage (in a relational database) | High | TC\_8 |
|  |  | FR\_9 | Data scraping from multiple websites (in suitable format) | High | TC\_9 |
|  |  | FR\_10 | Dynamic Updating after some regular intervals | Medium | TC\_10 |
|  |  |  |  |  |  |
| BR\_5 | User-friendly web interface | FR\_11 | Dropdown for product listing | Medium | TC\_11 |
|  |  | FR\_12 | Display of product information in an organized and appealing way | High | TC\_12 |
|  |  |  |  |  |  |
| BR\_6 | Showing Detailed Price Information | FR\_13 | Including all necessary information | High | TC\_13 |
|  |  |  |  |  |  |
| BR\_7 | Linking to Original Website | FR\_14 | Redirecting user to the particular website when clicked on that particular component of that website | High | TC\_14 |
|  |  | FR\_15 | Ensure lag-free transition | Low | TC\_15 |
|  |  |  |  |  |  |
| BR\_8 | Wishlist and price dropping alerts | FR\_16 | Enable users to select certain products they wish to have a reduced price | Low | TC\_16 |
|  |  | FR\_17 | Send alert notification to their mails once price drops below certain threshold | Low | TC\_17 |