Use Case UC1: Generate Report

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| Scope: Inventory Management System |
| Level: User-goal |
| **Primary Actor:** Manager |
| **Stack Holders & Interests:**   * Manager: Wants to know about the monthly Sales Report, most sold products, Returns completed, Number of visited customers, Most sales time. Wants to know about the available stock, out-of-stock items, incoming stocks, and Payments report. |
| **Pre-Condition:** Manager is successfully logged in. Database System is running. |
| **Post-Condition:**  The requested report is generated and saved into a CSV file with full details. A printable PDF file is created. The final report is shown on the screen. |
| **Main Success Scenario:**   1. Manager login to the system. 2. Starts the Report process. 3. Enter the required information query. 4. The system displays the data on the screen and asks for confirmation. 5. After confirmation, the report is exported in PDF and CSV format. |
| **Extensions:**   1. If the data retrieval fails because of missing data or other database-related issues.    * 1. Manager starts backup and recovery process.      2. Recovers the data.      3. Restart the Report process. |
| **Special Requirements:**   1. The displayed report must be in a proper format. |
| **Technology and Data Variation List:**   1. Export file format must be CSV or PDF or both |
| **Frequency of Occurrence:**  As requested by Manager. |