| UC Name | | *Access Control and Security* | | | | | | | |
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| Summary | | *Ensure that access to the analytics page is restricted to authorized personnel (managers) and implement authentication mechanisms* | | | | | | | |
| Dependency | | *None* | | | | | | | |
| Actors | | *Primary Actor: Manager*  *Secondary Actors: None* | | | | | | | |
| Preconditions | | | *The manager is attempting to access the analytics page.* | | --- | |  | | | | | | | | |
| Description of the Main Sequence | | * *The manager navigates to the analytics page.* * *The system prompts the manager to enter their username and password.* * *The manager enters their credentials.* * *The system verifies the entered credentials against the authorized user database.* * *If the credentials are valid, the system grants access to the analytics page.* * *the system may prompt the manager to complete multi-factor authentication (e.g., via SMS code or authenticator app)* * *The manager successfully accesses the analytics page.* | | | | | | | |
| Description of the Alternative Sequence | | * *n/a* | | | | | | | |
| Non functional requirements | | *The system must authenticate managers within 3 seconds.*  *Multi-factor authentication must be completed within 1 minute of the initial login attempt.*  *ccess to the analytics page must be encrypted using industry-standard protocols (e.g., HTTPS) to ensure data security during transmission.* | | | | | | | |
| Postconditions | | *The manager has successfully accessed the analytics page after authentication.* | | | | | | | |