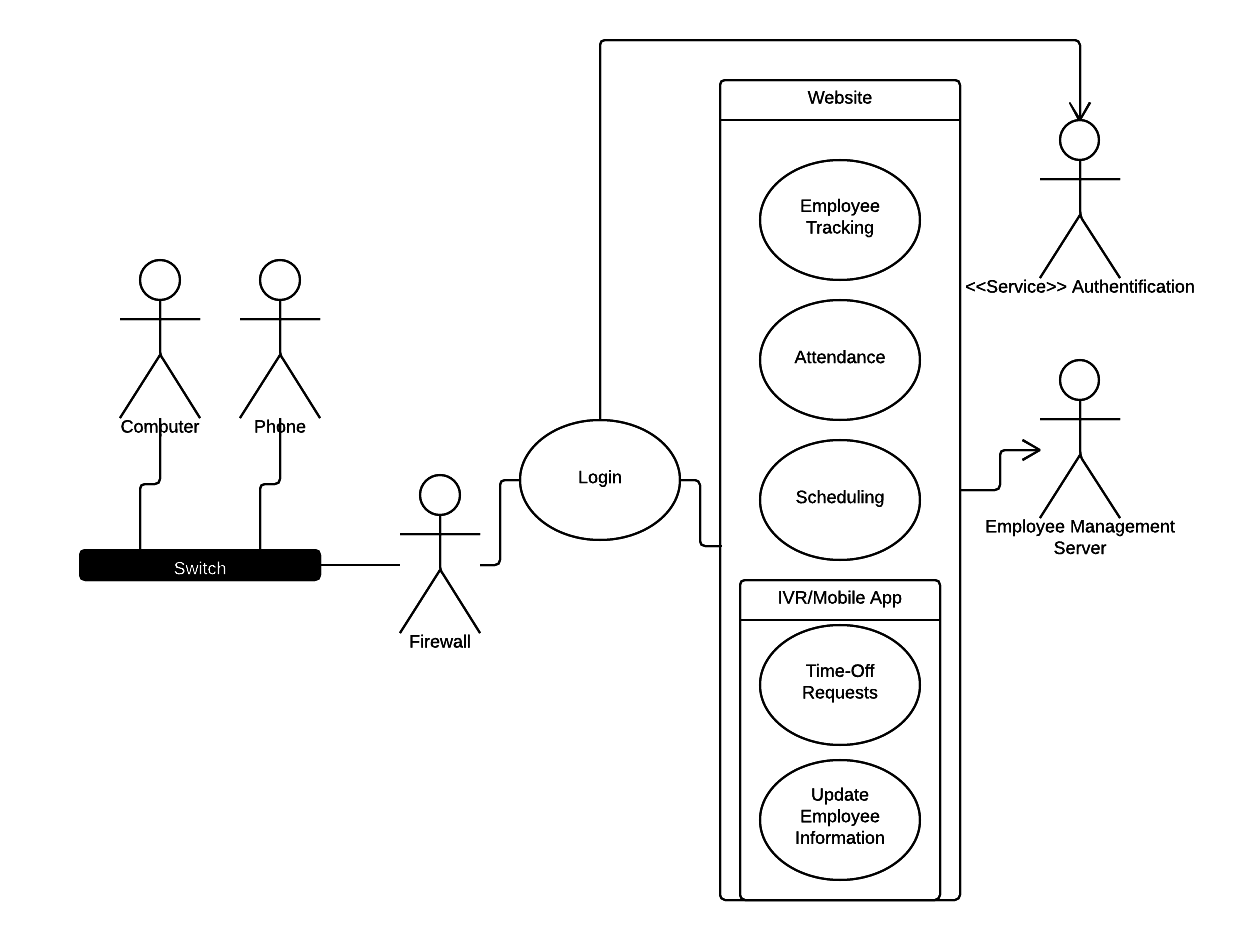
**Quality Attributes Matrix:**

|  |  |  |
| --- | --- | --- |
| **Functional Requirement** | **Pattern Choice** | **Tradeoffs** |
| Accessibility | Service-Oriented | Sharing of a metadata can confuse the system |
| Auditability | Object-Oriented | These types of systems are difficult to secure |
| Dependability | Service-Oriented | Weakness due to storing all information and functions in the same system, which can corrupt data |
| Efficiency | Client-Server | Decreased dependability, due to a reliance on one or a few servers to complete tasks |
| Portability | Service-Oriented | Only works on systems that the cloud system has support for |
| Precision | Object-Oriented | An unclear plan during developmentcan cause issues with the end product when sharing meta data |
| Reliability | Service-Oriented | Reliant on availability of host servers, and how expensive hosting those servers is |
| Simplicity | Component-Based | Easy to make, but requires a component architecture, or run-time environment in order to work |

**Client-Server Implementation Diagram:**

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