Use Case Diagram Exercises

Exercises

Bank ATM

An automated teller machine (**ATM**) or the automatic banking machine (**ABM**) is a banking subsystem (**subject**) that provides bank customers with access to financial transactions in a public space without the need for a cashier, clerk, or bank teller.
Customer (**actor**) uses bank ATM to *Check Balances* of his/her bank accounts, *Deposit Funds*, *Withdraw Cash* and/or *Transfer Funds* (**use cases**). *ATM Technician* provides *Maintenance* and *Repairs*. All these use cases also involve *Bank* actor whether it is related to customer transactions or to the ATM servicing.

Online Library Public Access Catalog

An **Online Public Access Catalog** (**OPAC**) is an e-Library website which is part of **Integrated Library System** (ILS), also known as a **Library Management System** (LMS), and managed by a library or group of libraries.
Patrons of the library can search library catalog online to locate various resources - books, periodicals, audio and visual materials, or other items under control of the library. Patrons may reserve or renew item, provide feedback, and manage their account.

Website Administration

Website security requirements mandate separation of administrative interfaces from common functions provided to users. This segregation, for example, is required by the Sarbanes Oxley (SOX) in US and is strongly recommended by ISO 17799.
System should have separate applications for administrators and for common users. It is recommended by OWASP Guide 2.0 that website administration applications should not be accessible from the internet without going through some management networks, e.g. via a strongly authenticated VPN or from a trusted network operations center.
Except for administrators, some part of the administrative interfaces should be also available to the Help desk staff, as they need to be able to assist customers having issues while using the customer oriented website.
Top level use case diagram below shows some administrative functions that administration website could provide.
Two **actors** using administrative interfaces are **Website Administrator** and **Help Desk**. Help Desk uses a subset of functions available to the Website Administrator. All top level **use cases** shown are abstract as each represents some group or "package" of administrative functionality.

Solutions

http://www.uml-diagrams.org/use-case-diagrams-examples.html