**Boundary condition**

System designs must be able to direct initiation and finalizations of a system. This can be done by administration use cases.

**Initialization**

In this process a system is brought from a non initialized state to a state also refered to as startup use cases. In order to achieve this, a web browser, internet connection and platform are concerned.

### Dynamic Model of the System Startup

Dynamic model of system identification system is a system that is mandatory and always have to be turned on and can be used to obtain information about a football games of ASTU. While all these is carried on a steady internet connection is also necessary.  
A web server that runs web App subsystem and webApp must be started so that a user is able to enter to the system from web.

**Termination**  
This identifies the resources which are to be cleaned and the systems notfied upon the process.

The proper start up of a system is necessary or problems may occur. For example if web server does not start up web interface may not be visible for the user.   
Once they are done interacting with the system , users can log out and leave web

**Failures**

failure maybe caused by- Bad internet connection, bugs, errors and power supply and others

boundary condition failure

|  |  |
| --- | --- |
| Error | Cause |
| Fatal failure | eBay spyware |
| Server Not found | Internet connection fail |
| communication link fails | IP address or hostname in JDBC URL is wrong. Hostname in JDBC URL is not recognized by local DNS server.  Port number is missing or wrong in JDBC URL.  DB server is down. DB server doesn't accept TCP/IP connections.  Something in between ASP.Net blocking connections, e.g. a firewall or proxy |
| Web server fail | Computational/logic  Errors  Power outages  Overheating |
|  | High humidity  Natural disasters, e.g., hurricanes, Floods |
| Web Application fail | web application attacks (treat) cross-site scripting(XSS) and SQL  injection  Device driver failures I/O errors, e.g., hard disk failures(see database  media failures) Memory parity errors  Network hardware failures |