**Posix Calls:  
-fork**: creates a new process (child process) that shall be an exact copy of the calling process (parent process)

**-stat**: The stat() function ges information about the named file and write it to the area pointed to by the buf argument.

**-kill**: send a signal to a process or a group of processes specified by pid

**-mmap**: map c\_actor addresses to a shared memory object

**-chmod**: chmod() changes S\_ISUID, S\_ISGID, S\_ISVTX, and the file permission bits of the file  
  
  
**Fail Conditions**

**-fork**: fails if  
 ->[ENOMEM]  
 Not enough storage space is available.  
  
**-exec**: fails if  
 -> [EACCES]   
 The new process file is not an ordinary file and the implementation does not support   
 execution of files of its type.   
  
**-unlink**: fails if  
 ->[ENOTDIR]  
 A component of the path prefix is not a directory.  
  
**-read**: fails if  
 ->[EIO]  
 A physical I/O bug has happened .

**-mount**: fails if  
->[EBUSY] Source cannot be remounted read-only, because it stillholdsfiles open for writing.**-chmod:** fails if  
 ->[EINVAL]  
 The value of the mode argument is not valid.

**-kill:** fails if  
 ->[EINVAL]  
 The value of the *sig* argument is an invalid or unsupported signal number  
**Trap**  
In operating systems, a trap (exception of error) is a type of synchronous interrupt caused by an exception (divide by zero, invalid memory access,…) and it results a switch to kernel mode.