QTDD01:

College's Library management system has facility to search and reserve books on their intranet site. Library staff and librarian is responsible for maintaining book catalogue, manage library accounts, purchase of new book. On late return of book, Student has to pay fine. Assume typical LMS scenario and write detailed problem statement. Draw detailed Use Case Diagram

Apply test driven development approach for the following description

A lamp has a on/off switch and a dimmer. When the lamp is off the dimmer is not operational, when the lamp is on the dimmer varies the intensity of lamp in three levels.

QTDD02:

Railway reservation system has facility to enquire trains, reservation enquiries, PNR enquiries etc. The system allows to book tickets online using card to registered passengers. Assume various facilities provided by Indian Rail and write detailed problem statement. Draw detailed Use Case Diagram and write Use case scenario of two major Use cases.

Apply test driven development approach for the following description

A fan has a on/off switch and a regulator. When the fan is off the regulator is not operational, when the fan is on the regulator varies the speed of the fan in five steps. Step 1 minimum speed and step 5 maximum speed.

QTDD03:

Your college wants to schedule and conduct workshop in recent technology for final year students. The students of all departments are informed (Notices), registrations are taken, speakers are invited, certificates are prepared. Consider other relevant activities and draw detailed Activity Diagram.

Apply test driven development approach for the following description.

TATA Sky subscriber, on remote if selects a channel not available, displays that "No channel available". If user selects channel, user not subscribed with, it displays "Not subscribed". Assume necessary data.