Software Engineering, EOSF322, Fall 2019
Chapter 1 & 2, Exercise, Aug. 28

1. Tell if the following is a:
   - functional requirements (FR)
   - non-functional requirement (NFR) or
   - design constraint (DC)

   a. Administrators shall be able to view a list of all users of the system sorted alphabetically by last name.   FR

   b. If the Passenger's profile does not indicate a seating preference, the reservation system shall assign a seat   FR

   c. The Passenger shall be able to print boarding passes for all flight segments for which he has checked in   FR

   d. The user shall be able to re-sequence bookmarks.   FR

   e. After the XML Parser has completely parsed a file, it shall produce an error report that contains the line number and text of any XML errors found in the parsed file and a description of each error found.   FR

   f. The application must be completed within one year.   DC

   g. All website images must include alternative text to be used by electronic reading devices to meet accessibility requirements of visually impaired users
      NFR (quality attribute) since this is an accessibility requirement While this is relates to the user interface, once the design decision is made to use a website, requiring alternative text for all images is more of an accessibility requirement than a more detailed design constraint.

   h. The user shall be able to modify a bookmark's name, URL, and description   FR

   i. The Main Page simply serves as a means of centralized access for faculty, admin, and overview reports, through hypertext links. No significant data entry or processing occurs in this object, aside from the determination of a user's faculty/admin status.   DC

j. If the editor fails before the user saves the file, the editor shall be able to recover all changes made in the file being edited up to one minute prior to the failure the next time the same user starts the program.   NF

k. A tutorial, not integrated into the system, is needed to help new users get up to speed   NFR