**CSS360: System Comparison and SDLC Interests**

**Note: This is a group assignment. Only one submission is required through Canvas.**

**Group Name: CSS360**

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**Description:**

1. **iLearn vs. Canvas - A Digital Learning Environment for Schools**
   1. Read Section 1.3.4 (A Digital Learning Environment for Schools) on Sommerville pp.24-25.
   2. Compare and contrast this ***iLearn*** system with the **UW Canvas** (i.e. identify and describe 3 similarities and 3 differences between ***iLearn*** and **UW Canvas)**.
      1. **3 Similarities**
      2. **3 Differences**
   3. Complete the visual diagram of the UW Canvas architecture, in a similar form given in Sommerville Figure 1.8.
2. SDLC Model Interests
   1. Out of 13 presented in the class, **list 3 SDLC models** (in order of priority) that your group is interested in for your product or service. Choose based on methods you expect are being used by your adopted company, esp. given their culture. But also based on what could make sense given your product or service invention. Note that your choices aren’t final, and I expect you to evolve them as you understand your company more and as you work through the product/service architecture.

## iLearn vs. Canvas - A Digital Learning Environment for Schools:

**Similarities:**

1. *Both iLearn and CANVAS are virtual learning environments*
2. *Educational web and app interface designed to deliver course content to students*
3. *Both can be accessed anywhere with a connection to the Internet*

**Differences:**

1. *iLearn is geared for people ages 3-18; Canvas is more geared to students in the college setting that are 18+*
2. *iLearn provides general educational resources beyond what is provided by the instructor*
3. *iLearn provides built-in word processing and spreadsheet support natively*

**Visual Diagram:**

**CANVAS Architectural Model**

|  |  |
| --- | --- |
| Browser-based user interface CANVAS app | |
| **Configuration Services** | |
| Group Management Application Management Identity Management | |
| **Application Services** | |
| Email Messaging Text editor File Archive Panopto  Calendar Quizzes and tests Library resource finder Collaboration tools  Course syllabus planning Grades overview Forums Help | |
| **Utility Services** | |
| Authentication Logging and monitoring Interfacing User storage | |

## SDLC Model Interests:

**3 SDLC models (in order of priority):**

1. Scrum
2. Lean
3. Plan-driven incremental development