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CST – 235

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**Short Assignment 4 – Decision Support System**

GitHub Link: <https://github.com/battousairurik/CST-235>

**Assignment Approach**

My original idea for this project was to create two pages, a QuestionPage and an AnswerPage, then use a series of beans stored in a binary tree. Each bean would have fields to store a question, an answer, then a yes and no ManagedBean. A binary tree would be created to create the tree, root node, and all of the question and answer nodes. The question page would display the active bean’s question, display two radio buttons, and then have a submit button which redirects back to the question page and simultaneously changes the active bean to display a new question based on the radio button selection. I ran out of time before I could find all of the information needed to code the project in this manner though.

Instead I had to create 15 question pages and 16 answer pages which navigate through button clicks. Each question page has a single question and two buttons, one for yes and one for no. Each button sends you to a different page that asks a different question. Once you navigate through the 4 layers of questions you are directed to the answer based upon your selections.

**List of Classes, Methods, Variables, etc.**

QuestionPage1.xhtml through QuestionPage15.xhtml

AnswerPage1.xhtml through AnswerPage16.xhtml

**Screenshots**

