# Feasibility

CS 410 - Team Crystal
October 5, 2016

# Outline

Problem Statement

Competition

Our Solution

The Current Process Flow

Revised Process Flow

References

# Fixing Blackboard because their developers wont

Professors have difficulty retrieving archived Blackboard courses' content after it has been exported to a Blackboard Course Archive.
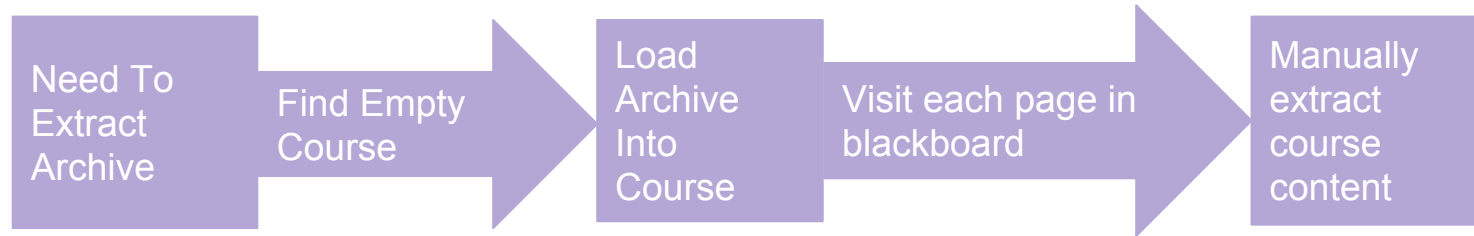
# Former Competition - bFree Blackboard Extractor

- Extracted Blackboard Archives and turns them into webpages
- Ran as a java web applet with a GUI that showed folder structure
- Is no longer supported
- No longer runs on any supported platform
- Little to no remaining documentation

# Plans For Our Solution

Our solution will be a web based application which allows a user to load a Blackboard Course Archive and explore the contents of the archive. The user will be able to view a website containing all of the contents of the course, or download a .zip file containing all of the extracted contents.

# Current Process Flow

Need To Extract Archive → Find Empty Course → Load Archive Into Course → Visit each page in blackboard → Manually extract course content

# Revised Process Flow

Need to Extract Archive

Load Archive Into Application

Extract Archived content as Web site

# Competition References

**bFree:** **https://its2.unc.edu/tl/tli/bFree/index.html**