Application
Design Review

NoName3
What is Kanvas with a K?

- Students often struggle to connect with peers outside of class and it’s difficult to manage a school load with personal life
- Kanvas with a K attempts to redefine academic cooperation by allowing students to form online groups for collaboration and planning
- Gives students the tools they need to succeed
  - Discussion forum for questions and announcements
  - Interactive calendar
  - Ability to upload and share files
  - Personal and group messaging
  - Send email reminders for important due dates and events
  - Connect students with tutors
MVC Architecture

**Model**
- File
  - File ID
  - Upload Date
  - File Description
  - GroupID

**User**
- StudentID
- Name
- GroupID
- ClassScheduleID

**Group**
- Members
- StudentID
- Courses
- DiscussionPosts

**Class Schedule**
- ClassIDs
- Class Times
- StudentID

**Task**
- TaskID
- Description
- Requirement
- GroupID
- ClassScheduleID

**Controller**
- Sessions Controller
  - digestPassword()
  - authenticated()

- application controller
  - post()
  - updateCalendar()
  - updateDashboard()
  - assignTasks()
  - completeTask()

**View**
- Login
  - UserNamestring
  - Passwordstring
  - LoginLink (authenticate)

- Home
  - RegisteredStatusstring
  - LoginStatusstring
  - InfoStatusstring
  - Namestring

- User Dashboard
  - ClassScheduleLink
  - GroupLink
  - TasksDisplay
  - LogOutLink

- Class Schedule
  - CalendarDisplay
  - TasksDisplay
  - ClassNameDisplay

- Discussion Forum
  - PostLink
  - TextboxDisplay
  - UploadFileLink

- Forum Post
  - PostLink
Database Design: ER Diagram
Database Design: Relational Schema
Demo