Overview
Group 11
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We used the TODO list to break up the work for listing the details of the design

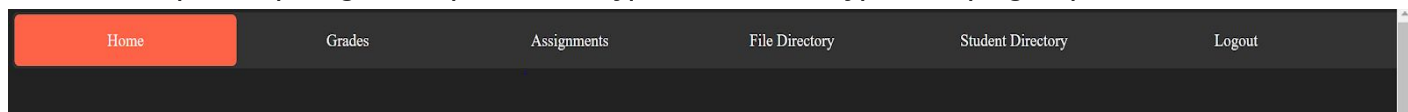| Backlog	On Deck	In Progress	Done	Smart goals
Create UI				Specific
UI Access Database				measurable
Create Login				achievable
UI Access Database				realistic
Make files viewable			Have Database	timely
Make comments on file				
Assign Login control				
Create Student Directory				
Download files				
Create/destroy classes/students				
Create/Destroy Assignments				

Design:

Comprehensive list of the steps to create a system which allows students in programming classes to submit programming work. Additionally, the TAs must be able to collect assignments. Finally, the instructors need to be capable of managing the course, its sections, TAs, and assignments.

In the backlog we have the entire list of Big steps needed to be done to create the system. Possibly in order since it would make sense to build the shell prior to deciding all the methods to implement

Create UI - Jake
Menu bar to navigate UI
|Grades|Assignments|File Directory|Student Directory|Classes|LogOut|

Home	Grades	Assignments	File Directory	Student Directory	Logout

Grades: Populates page with current Grades Received from Database. {AssgnmentName|Grade|Date}
Assignments: Populates page with Current/Past/future(only viewable by TA and Teacher) Assignments Button1: pop up mini window to view file Button 2: upload/reupload a file Button 3: (for TA and teacher only) Opens text field to add comments to the assignment Button 4: Submit Grade: (TA and teacher Only) creates a Integer textbox to enter score. Checkmark or dateSetter(Teacher and TA only) clicking/setting will display the assignment to students
File Directory: Viewable list of files organized into folder System Folders could include: assgnment documents, files submitted by the student, Lecure PDFs Organized with tabs, by date made, name
Student Directory: List of all students in the class and TA's that include emails, orgranized by classes
Delete Button (teachers only) teacher can delete clicked individual students Add Button(teachers only) teacher can add students
Classes: List of classes student is in/classes teacher in charge of
Add Button(teacher only) can create new classes Add student Button(teacher Only) teacher can add students to class Delete Button: (teacher only) can delete class
Logout Button: Logout Button that logs out of website
Needed: Database, Server, Login form handling (PHP) Template(CSS/HTML File)

Create Login - Matt
Server Configuration Database Cofiguration Connect Database to Server Create UI Connect UI to Database User/Password Directory Teacher/TA/Student Classification Username and Password Textbox for users to type information "Login" button that accesses Database of usernames and passwords Error messages if the information is not correct
Needed: Database (Usernames and Passwords of User), Server, Creative UI (HTML and CSS), Login information handlng (PHP)

Make Comments - Jake
Each File is a ClassObject Fields: Date uploaded, User Upload, Comments, Due Date, Grade, file.this
Method: fileCreatedIsValid: Checks the format .txt/md/pfd at end of filetype String, if it doesn't match, doesn't create thefile. returns boolean **Method: SetComments**: Checks Users acess level of TA or teacher, if true, allows them to set the comments String on the file **Method: CreateFile**: if fileCreatesIsValid: then takes the file, stores it in the database.

Assign Login Control - Matt
Create UI
UI Access Database (Different UI for different types of users)
Teachers are able to see information on the Students and TAs, Grades, and Assignments posted in the class they are teaching.
TAs are able to see the information of the students in their lab group and the teacher. They can only view grades of assignments that they individually post for their lab group.
Students can view the teacher and TAs in their class, but can only see their name and email. Students can also view only their grades and no one else's. They can also view the assignments posted in the class.
Needed: Database, Server, Selective UI (Based on type of user)

Create/Destroy Classes/Students - Matt
Create UI for Deleting Account
UI access Database of Usernames
Method: deleteAccount(username) if Username is valid then Delete the account username and password (from database) as well as grades and data
Needed: Servers, Database, UI, Deletion of Data

Uploading and reuploading
Create UI
UI Access Database
Create Login
File store system
User/Password Directory
Specific File Format to work
File uploader UI
Server Configuration
Database
Initial Classes Logic, intial or 2nd upload - state of upload
Class Organization of files

Create Student Directory - Matt
Connect Database to Server
Creative UI
Connect UI to Database
Account Info | Courses | Grades | Assignments | Files
Account: able to view their account info and also able to edit any information necessary
Courses: able to view the courses that students are enrolled in; once they click on a course, they are taken to a page where they can view Grades, Assignments, and Files for that individual course
Grades: able to view grades for each individual course they are enrolled in; if they click on grades from the home menu, they must choose a course in which to see grades
Assignments: students are able to see the assignments that are posted in each course
Files: students are able to see the files that are uploaded to each individual course; also able to download the files
Needed: Server, Database, UI that has page for each link in menu bar

Core Objects that seem consistent across design
User interface
Database
Server
Login system
File System

Next Step:
Creating a web template to begin creating the skeleton of the System.
Setting up a database that stores the files and user info
Creating a Login form with PHP
Connecting all the pieces