

# PaperSmart

Stephanie Moret

Hope Nelson

## Project Objectives

- ▶ To have our newly designed LMS, PaperSmart be implementing for composition based courses here at NAU
- ▶ While this LMS was designed with ENG 105 in mind, we believe our LMS could easily be adapted for Junior level writing requirements, literature, rhetoric, and creative writing courses.
- ▶ The goal of PaperSmart is to help students build their confidence in their writing to make them more able to write effectively within the university and life afterwards.

## Design Influences

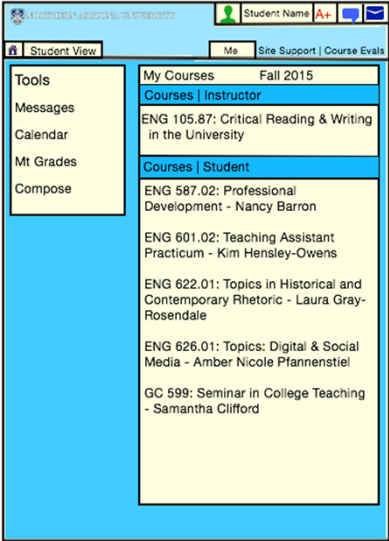
- ▶ The theories that inspired us to create this website include:
  - ▶ Collaborative Learning (Marjan Laal and Mozghan Laal),
  - ▶ Participatory Culture (Henry Jenkins)
  - ▶ Writing as a Process (Peter Elbow)
  - ▶ Community interaction through social media (Moses Shumow)
  - ▶ Engagement within a Contact Zone (Mary Pratt)
- ▶ For more details on how each of these theories specifically applies to components of PaperSmart, please see the annotated bibliography, in our written document.

## NAU Secure Login Page

- ▶ It is important for any LMS to be protected by the university's security system.
- ▶ Any LMS has sensitive materials that are protected under FERPA such as student grades and assignments that they submit
- ▶ All student accounts must use the Central Authentication Service (CAS) in order to Login







### LMS Homepage



- ▶ Similar to BBLearn this LMS homepage lists the courses where the user is an instructor and those where they are a student.
- ▶ There are also convenient tools listed on the sidebar that students might use most
- ▶ The messaging system is also more efficient than that of BBLearn

### LMS Page Head

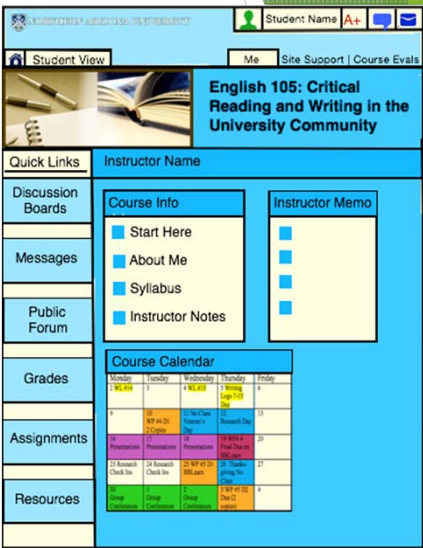


- ▶ This will appear on every page
- ▶ Student View
  - ▶ This button allows Instructors to see the LMS layout the same way their students do
- ▶ Grade Book **A+**
  - ▶ Allows students to see grade details for each of their classes
- ▶ Private Messages 
  - ▶ Allows students and instructors to send private messages to one another through a design similar to Facebook
- ▶ Discussion Board Notifications 
  - ▶ This is a notification system which will allow students to know when someone has responded to one of their discussion board posts
- ▶ Home 
  - ▶ Able to take students back to their PaperSmart homepage

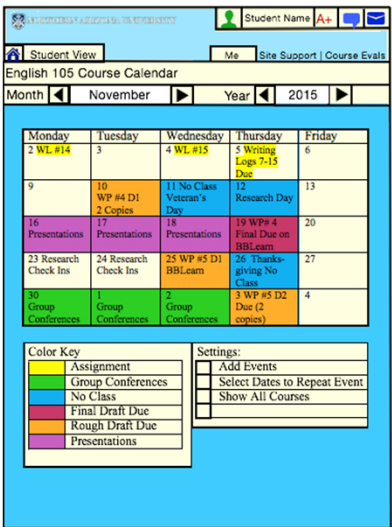


# ENG 105 Course Homepage

- ▶ Homepage is fully customizable by the instructor
- ▶ Features contentless changeable links to:
  - ▶ Start Here: the instructor could add NAU course policies and important course info here
  - ▶ About Me: Potential info about the instructor
  - ▶ Syllabus
  - ▶ Instructor Notes
- ▶ Quick Links Sidebar allows students to easily find all course information they could need
- ▶ Course Calendar is also easily viewable on the homepage



# Course Calendar



- ▶ The Calendar will only have university holidays pre-loaded
- ▶ All content seen here is strictly for demonstration purposes and will not be in the calendar
- ▶ Allows instructors to color code important dates for assignments

## Calendar Input Pop-Up

Calendar Input Settings

Create Event:

Start Date:  End Date:

Event Start:  End Time:

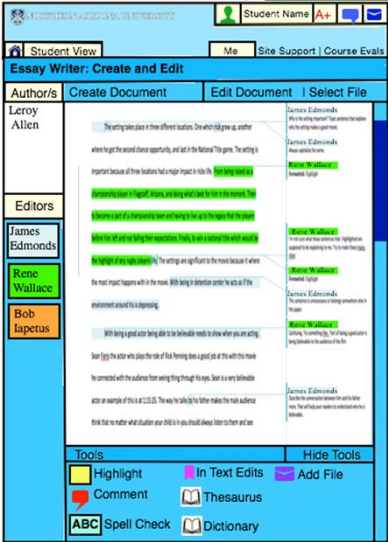
Repeat Event: ☐ Select Dates:  To:

Event Description:


- ▶ This pop-up page allows instructors to easily add to their course calendar
- ▶ Event Creation will allow instructors to choose many dates for repeat events such as peer review conferences throughout the semester

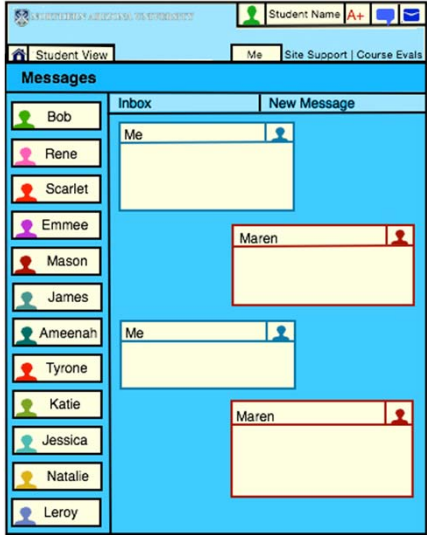
## Document Editing and Creation

- ▶ Featured in the image is the built in document editing feature
- ▶ This allows students and instructors to edit an essay fully online and in groups
- ▶ It allows for each editor to have a color associated with their comments
- ▶ There are also a full range of Editing Tools available to all of the editors
- ▶ The built in dictionary and thesaurus offer the ability to insert the definition or word substitute directly into a comment on the page



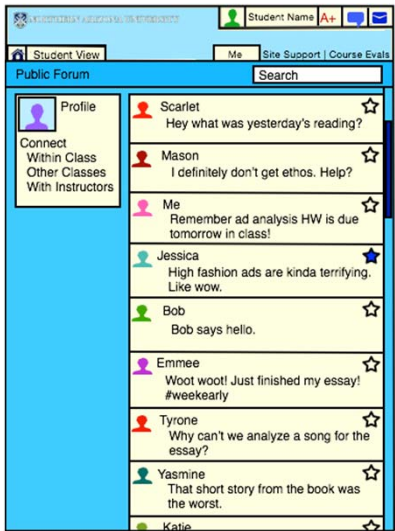
### Instant Messages





- ▶ The messaging feature allows students to send **private** messages to instructors or other classmates with **ease**
- ▶ It is modeled after the messaging system of Facebook
- ▶ The color coding is to help students easily track the conversation that is had
- ▶ The side bar of students also allows the instructor or a student to choose anyone in the course to message and by clicking on a person all previous messages would be available, similar to Facebook

### Public Forum Feed

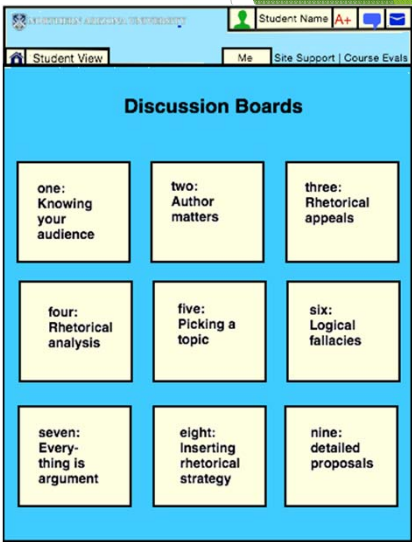


- ▶ This is a place where students can ask a quick question or comment about the assignment
- ▶ The idea of a public forum comes from the Ancient Greek forums that were a community meeting place for everyone
- ▶ It is organized similarly to Twitter with the ability to comment on a specific post as well as Like or Star a post
- ▶ This feature also allows students to connect to people outside of the immediate class if they so choose.
- ▶ Notifications for the Public Forum will show up on the ENG 105 course homepage on the Public Forum tab of the sidebar



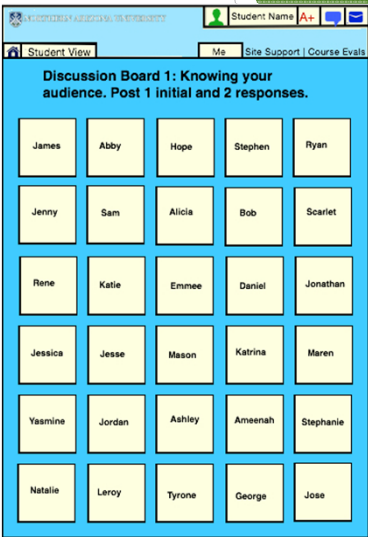
# Discussion Boards Homepage (DB)

- ▶ The Discussion Boards are one of the most problematic elements of BBLearn at present so we made the most changes here
- ▶ We chose to use a clearly organized system of boxes that resemble Pinterest Pins
- ▶ The subject of each DB is posted on the initial pin
- ▶ All of these are completely customizable and do not feature any real content
- ▶ This is what the student view of the page would look like
- ▶ The instructor version would have another banner bar to allow changes to the page



# DB Student Selection Page

- ▶ Once a student clicks on a DB post pin they are brought to this page
- ▶ Every student is clearly visible to make adding comments and post responses easier
- ▶ To write an initial post the student would click on their own name
- ▶ The DB prompt would be clearly written across the top of the page



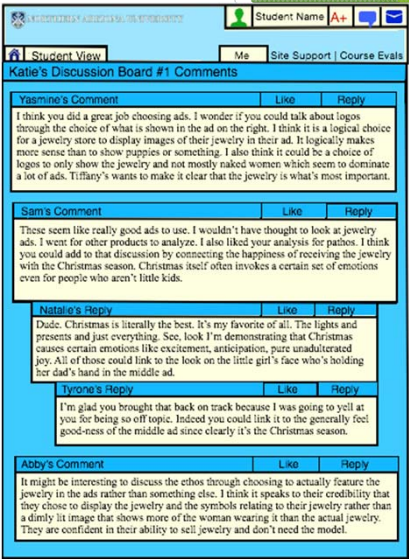
## DB Student Entry Page

- ▶ This is what a fully written DB post would look like
- ▶ After clicking on a name on the Student Selection Page they would be brought here where they could either create a post or add comments or likes to a post
- ▶ The DB will allow students to add images and have the full ability to type and format posts the way they choose or easily copy and paste materials from another word processing program



## DB Comments Page

- ▶ This is what the DB Comments page would look like. The individual comments are clearly marked with spacing on the page
- ▶ The comment threads would also move over on the page to make it easier to follow
- ▶ This design is again borrowing from Facebook and their post and comment abilities
- ▶ Each post also features the ability to Reply or Like the comment and subsequent replies





## Thank You

- ▶ We would like to thank you for your time in listening to our presentation. We see great potential for this LMS for NAU in the future and hope to be able to continue working alongside the E-Learning Committee here at NAU.
- ▶ We also welcome your feedback on what we have shown you today.
- ▶ If you have any questions please feel free to contact either of us directly through our NAU emails:
  - ▶ Stephanie Moret: [mm474@nau.edu](mailto:mm474@nau.edu)
  - ▶ Hope Nelson: [hn57@nau.edu](mailto:hn57@nau.edu)