* + Session 1
    - Overview of Bullhorn
      * Requirements
        + Logged in username and image shows on every page
        + If not logged in, show login button
        + If logged in, show logout button
        + Only logged in user can post
        + Posts limited to 141 characters
        + All users can read posts even if not logged in
      * Servlet
      * JavaServer Pages
        + Login
        + Home
        + Create account
        + Search
        + News feed
        + User profile
      * database
    - dynamic web application
    - hello world servlet (prints html code to browser)
    - annotation
    - Parameters
    - Exercises
      * Assignment
      * Output
      * Math
      * Strings
      * Dates
  + Session 2
    - Methods
    - Dividing your program into sections
    - keeping main() clear
    - Date methods (to become DateUtil class later)
    - Database
      * CRUD
      * ACID
      * Keys
        + Primary keys
        + Foreign keys
        + Identity fields and sequences
      * Create tables
      * insert test data
      * export scripts
      * JDBC
        + Connection String
        + find record by ID
        + find records by User
        + find records that match text like '%something%'
        + does user exist
        + count entries by user
        + find all sorted by date
        + adding criteria
        + Sorting results
      * JPA
        + Configuring JPA in Eclipse (slowly I turned)
        + Connection String
        + find record by ID
        + find records by User
        + find records that match text like '%something%'
        + does user exist
        + count entries by user
        + find all sorted by date
        + adding criteria
        + Sorting results
    - Collections
      * ArrayList
      * Hashmap
  + Session 3
    - HTML5
      * Proper structure of a web page
      * The DOM
      * Elements
        + Tables
        + Forms
        + Lists

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* + - * + Images
        + Header Tags
        + Anchor Tags
    - CSS
      * Inline/page/file
      * Box model
      * Span
      * div
    - JavaScript
      * Dates
      * Email Validation
      * Implementing an MD5 function
    - Bootstrap
    - Getting Started with Git
      * Create GitHub account
      * Create repository
      * Initial Commit with Readme.md
        + 5 minute intro to Markdown
      * Top 5 Git Commands
        + Pull
        + Add
        + Commit
        + Push
        + status
  + Session 4
    - Create and style the following pages
      * login page
      * Home
      * Create account
      * News feed
  + Session 5
    - Html images
      * Logo
      * background
    - Gravatar
      * Sign up for Gravatar
      * Displaying Multiple size gravatars
    - HTML Forms
      * method/action
    - Servlet Form Processing
    - Brief Intro to Object-Oriented Programming
      * Polymorphism
      * Encapsulation
      * Inheritance
      * Composition
      * Variables
        + Class (static)
        + Instance
      * Methods
        + Class (static)
        + Instance
        + Only one exit point
        + Passing parameters
        + Returning classes from methods
      * Create a User class
      * Create a Posts Class
      * Create a DateUtil class
  + Session 6
    - Create and style the following pages
      * Newsfeed (posts)
      * User Profile page
    - Requests and Sessions
      * Maintaining state in web applications
      * Session variables
      * Request parameters
      * Request dispatcher to forward
  + Session 7
    - Login/logout Authentication
    - Error Handling
      * 404 page
      * Try/catch
  + Session 8
    - Searching with JPQL
    - Git in more detail
    - Publishing website to server
  + Session 9 to 10
    - create your own project