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# RESPONSIVE WEB DESIGN II

## Lecture 2

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# TODAY'S TOPICS



- Git & GitHub
- GitHub Pages
- **Participation:** GitHub Pages

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# ANNOUNCEMENTS

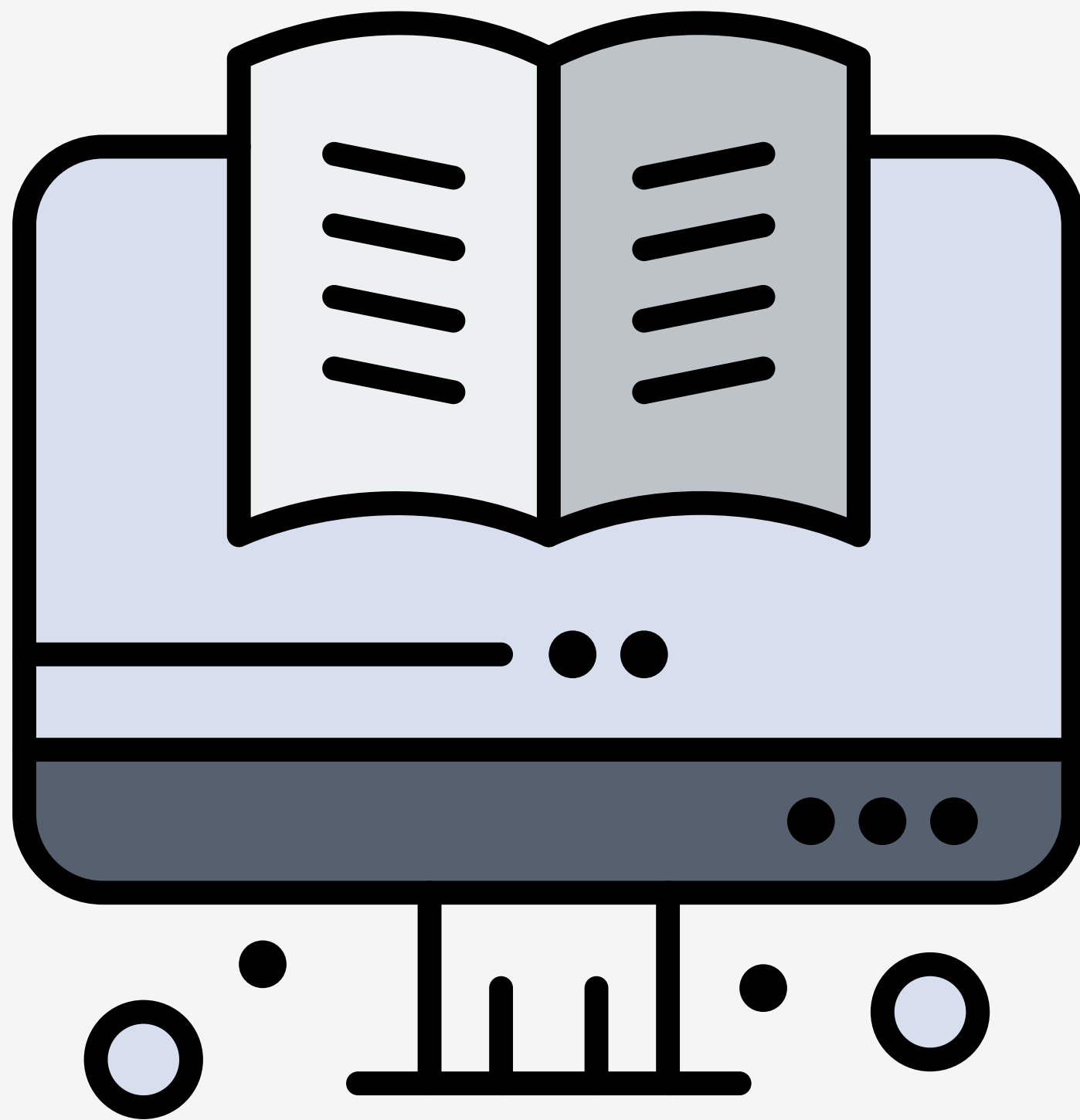
- Sign-in Sheet



# **GIT & GITHUB**

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# VERSION CONTROL SYSTEMS



- Tools that track changes within a project
- Keep a long-term history of every file
- Able to branch or merge a project
- Log each change made to a project

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# GIT



- Distributed versioning control system
- Created in 2005 by Linus Torvalds
- Better performance, security, and flexibility
- Most popular version control system

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# GIT WORKFLOW



- Initialize a Repository
- Check the **status** of the repository
- Stage **untracked** or **modified** files
- **Commit** files in the staging area
- **Push** changes to remote repository

*# Initialize a repository in current folder*

**git init**

*# Initialize a repository with new folder*

**git init my\_project**

*# Check status of repository*

**git status**

*# Add a file to staging area*

**git add index.html**

*# Add all untracked and modified files*

**git add --all**





*# Commit all file in staging area*

**git commit**

*# Downloading a remote repository*

**git clone** <http://github.com/user/project.git>

*# Get commits from remote repository*

**git pull**

*# Add commits to remote repository*

**git push**

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# GITHUB



- Web hosting service for remote Git repositories
- Integrates professional collaboration tools
- Social network for developers and content creators

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# GITHUB TOOLS



- Create remote repositories
- Fork existing repositories
- Submit issues
- Make pull requests
- Collaborate with developers and content creators

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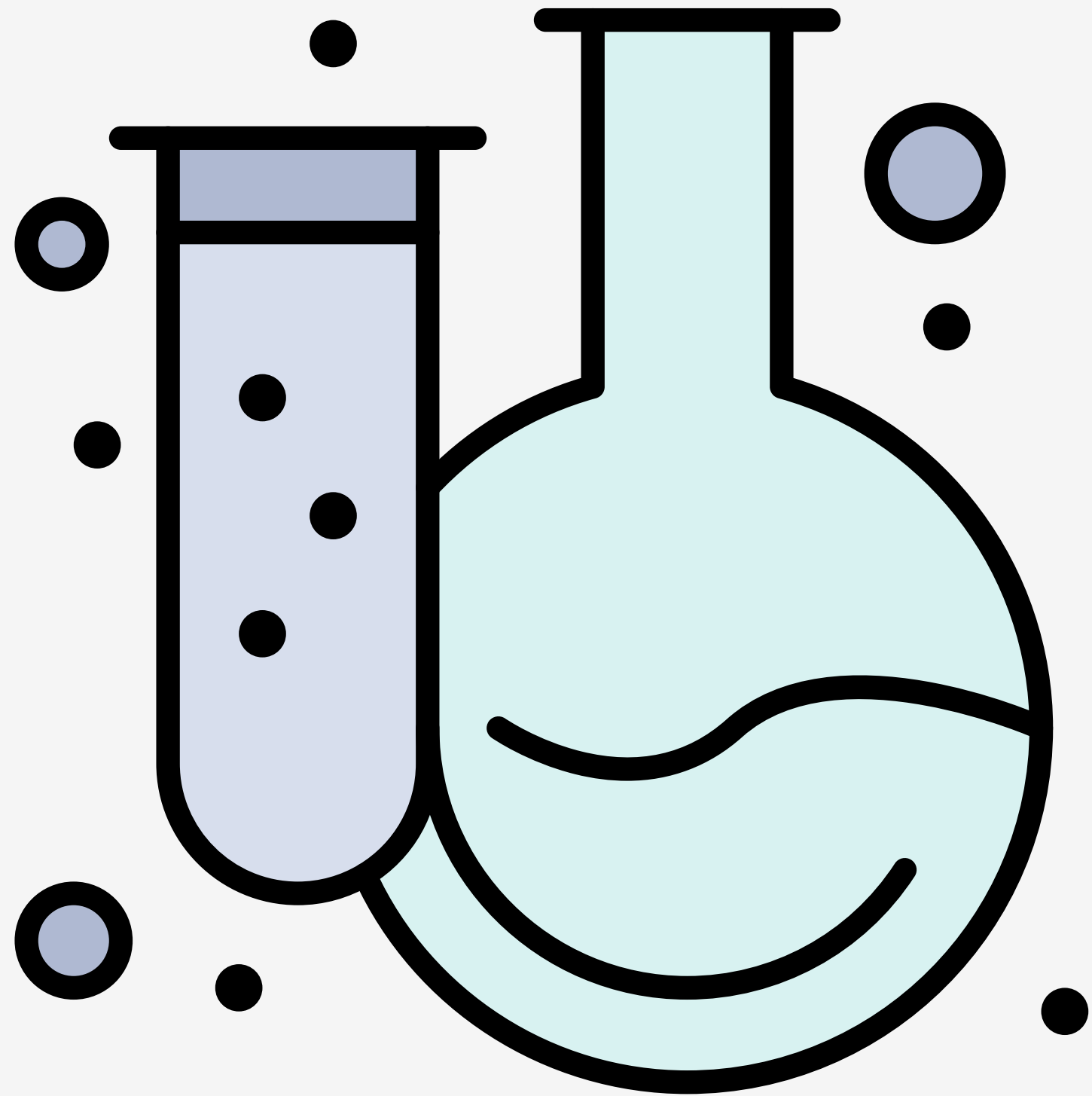
# GITHUB PAGES



- Static site hosting service
- Great for hosting personal web sites
- It's *FREE!*
- *Required* for some assignments

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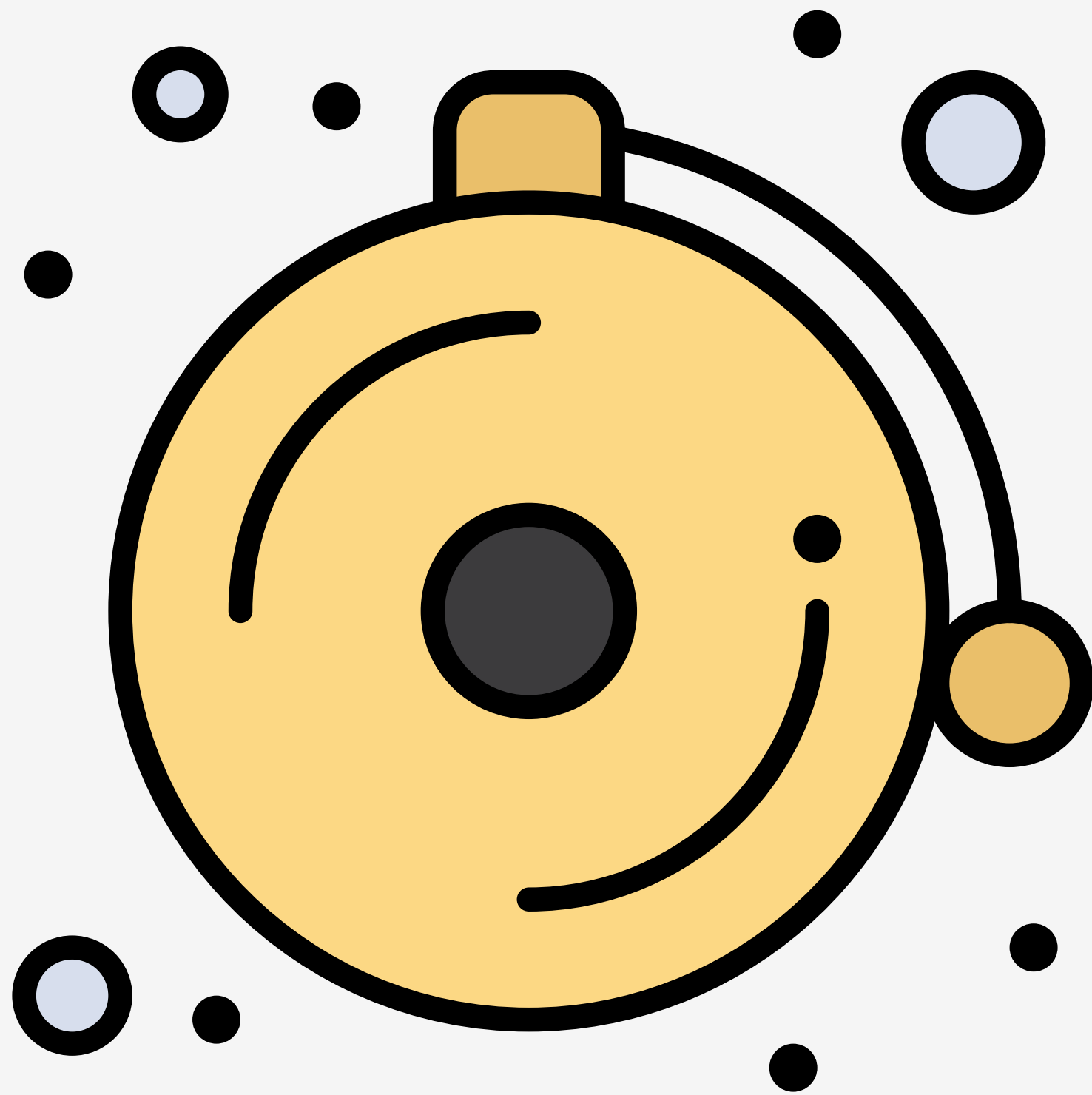
# GITHUB PAGES



- Setup GitHub Pages
- Create an HTML page with the required content
- Publish the HTML page to GitHub Pages
- Submit site URL to BrightSpace
- *DUE:* Thu. Jan. 9 @ 11:59 PM

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# NEXT TIME...



- CSS Cascade
- CSS Inheritance
- CSS Specificity
- **Participation:** Bad Piggies