Computer/Human Interaction
Lecture 2

Overview:
- In-class exercise: Write a scenario
- Rest of SBD process
- Setting up web space

Scenario-based Design
Recall scenarios are stories about people and their activities. Each scenario describes (Table 1.2, p. 18):
- Setting
- Actors
- Task goals
- Plans
- Evaluation
- Actions
- Events

In-class Exercise
SBD can be used to design the interaction with any artifact. Write a sample scenario that describes someone setting the alarm on a clock radio in a hotel. Be sure to include all of the elements from the previous slide.

Scenarios used at every step
Problem scenarios for analysis – who is involved, what are current practices
Design scenarios for
- Activities – functional services
- Information – actual data presented
- Interactions – what are user actions

Prototypes and Evaluation
Prototypes constructed at any time. Can be
- sketches
- paper mock-ups
- GUI "simulations"
Used to act out scenarios and evaluate if it meets requirements.
Final evaluation is system verification.

Setting up web space
User web space on csserver:
/home/username/www_home

Directory permissions must be at least 711 ("execute permission")
File permissions must be at least 644 ("read permission")
Index page is named index.html and is served by default, if it exists, when a directory is requested
Accessing web space

User web space is accessed using URL:
http://csserver.evansville.edu/~username

Web server translates this to directory:
/home/username/www_home

Directory roots and translations are set in
the web server configuration file.

Web page format

```html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en"
xml:lang="en">
<head>
<title>Title of page</title>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
</head>
<body>
<!-- This is a comment. Page contents go here. -->
</body>
</html>
```

Assignment

If you do not already have a web directory
and an index page on csserver, create
them.

Create a web page named cs350.html in
your web directory. The instructor will
assume that all HTML assignments will be
linked to this page.