

User Testing Plan: Moodle

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Objective Overview



Determine the efficiency of and students' familiarity with Moodle's main pages



Key Metrics:

- Performance
 - Efficiency
 - Effectiveness

Preference



Develop new strategies to improve user experience on Moodle

Logistics

Testing Method:

Quicktime screen recording

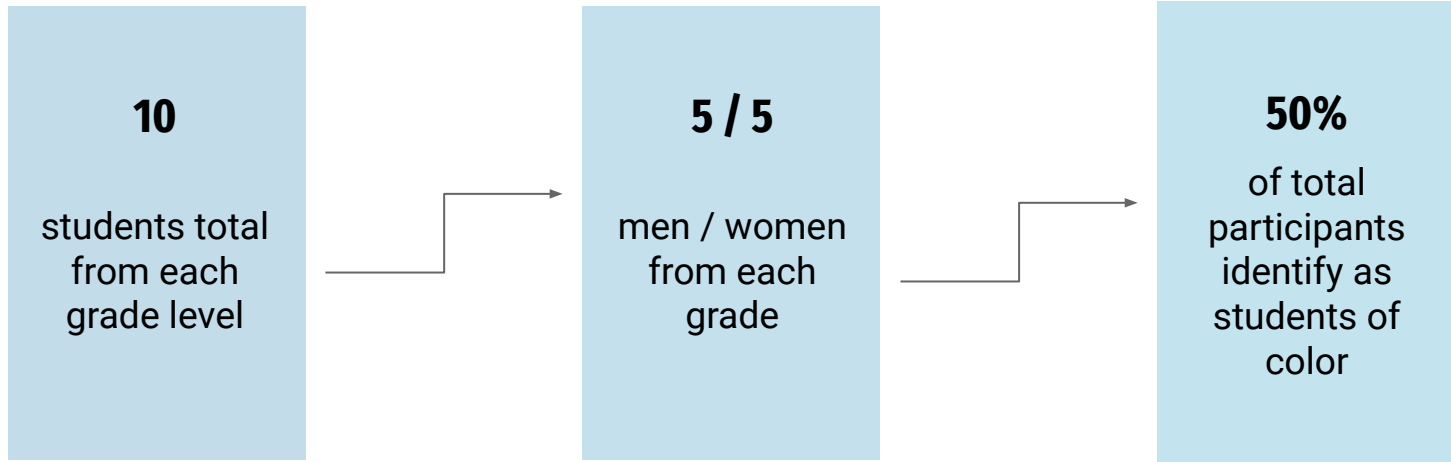


Equipment Required:

- Laptop with recording permissions
 - Internet access
 - A quiet space

Participant Demographics

40 Elon University undergraduates selected randomly to meet the following criteria:



Task List

1. Turning in an assignment

Scenario

I just finished my assignment and I need to turn in my homework.

Task

“Turn in an assignment on the Elon Moodle Page.”

Submission status

| | |
|---------------------|--------------------------------|
| Submission status | No attempt |
| Grading status | Not graded |
| Time remaining | 2 days 9 hours |
| Last modified | - |
| Submission comments | ▶ Comments (0) |

[Add submission](#)

You have not made a submission yet.

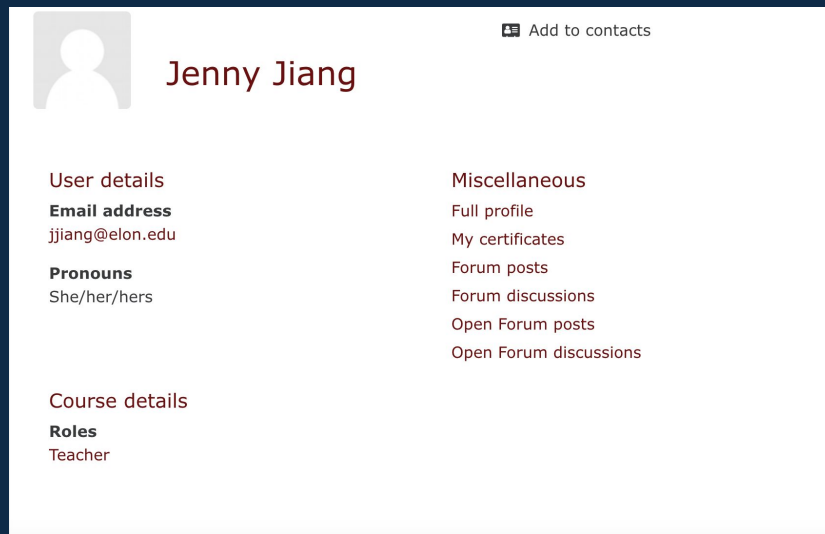
2. Finding students' email addresses

Scenario

I missed class and got assigned a group project. I don't have the contact information for any of my groupmates.

Task

“Find a groupmate's email address using the Elon Moodle page.”



The screenshot shows a Moodle user profile for Jenny Jiang. At the top right, there is a button labeled "Add to contacts". Below the name, the profile is organized into several sections: "User details" containing "Email address" (jjiang@elon.edu) and "Pronouns" (She/her/hers); "Course details" containing "Roles" (Teacher); and "Miscellaneous" containing "Full profile", "My certificates", "Forum posts", "Forum discussions", "Open Forum posts", and "Open Forum discussions".

| | |
|---|------------------------|
| User details | Miscellaneous |
| Email address jjiang@elon.edu | Full profile |
| Pronouns She/her/hers | My certificates |
| | Forum posts |
| | Forum discussions |
| | Open Forum posts |
| | Open Forum discussions |
| Course details | |
| Roles Teacher | |

3. Adding events to your calendar

Scenario

I need to meet with my group for a project after class and add it to my Moodle calendar.

Task

“Add the event to the Moodle calendar scheduled after class.”



The screenshot shows a calendar for March 2023. The days of the week are labeled at the top: Sun, Mon, Tue, Wed, Thu, Fri, Sat. The dates are arranged in a grid. Events are represented by small circular icons with text labels:

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-------------------------|------------------------|--|-------------------------|------------------------|--------------|--------------|
| | | | 1 | 2 | 3 | 4 🎓 C... |
| 5 🎓 C... 🌿 Att... | 6 🎓 C... 📅 Ap... | 7 🎓 M... 🌿 Att... 🎓 De... | 8 🎓 Cu... 📅 SE... | 9 | 10 | 11 |
| 12 🌿 Att... | 13 | 14 🌿 Att... | 15 | 16 | 17 | 18 🎓 C... |
| 19 🌿 Att... | 20 | 21 🎓 M... 🎓 M... 🌿 Att... 🎓 M... | 22 🎓 Se... | 23 🎓 M... 🎓 M... | 24 🎓 C... | 25 |
| 26 🌿 Att... | 27 | 28 🌿 Att... | 29 🎓 Sp... | 30 🎓 M... | 31 🎓 M... | |

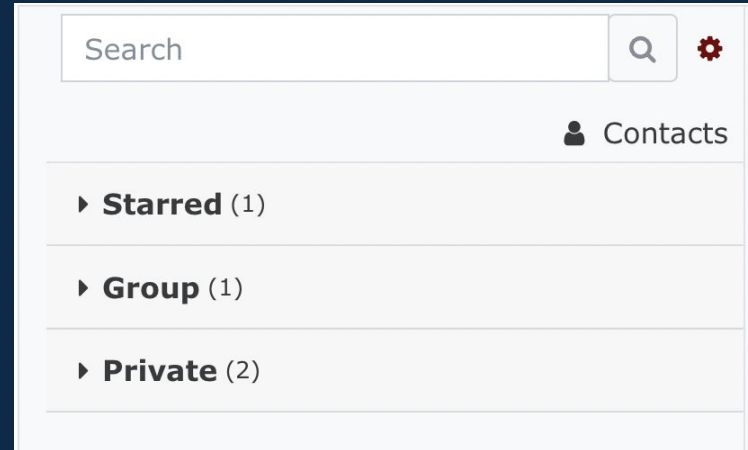
4. Sending a private message

Scenario

I need to save a note for myself to access later.

Task

“Send a message to yourself.”



Metrics

```
graph TD; Metrics[Metrics] --- Performance[Performance]; Metrics --- Preference[Preference]; Performance --- PerfList["• Number of clicks<br>• Total time spent<br>• Optimal path"]; Preference --- PrefList["• Likelihood of adoption<br>• Emotional response"]; Preference --- PrefText["Collected from a likert scale<br>delivered immediately after task<br>completion"];
```

Performance

- Number of clicks
- Total time spent
- Optimal path

Preference

*Collected from a likert scale
delivered immediately after task
completion*

- Likelihood of adoption
- Emotional response