Milestone 7: Seat Management

CSCI 311 – Fall 2025

*Please be sure that you complete all pages of this worksheet. Some sections may begin on new pages, so you may need to scroll past any blank space.*

# Background Material

*These questions relate to the background reading from the milestone instructions, and they are in the same order as the reading. You do* ***not*** *need to write complete sentences for questions that ask for a short answer. Paragraph or bullet form is acceptable for questions that require an explanation or description.*

1. What is the name of the message bus software that is commonly used on a Linux system?

2. What are the two message buses used on a Linux system?

3. Which device manager does Alpine Linux use out of the box?

4. Which device manager is required by most desktop environments?

5. Which seat manager is required by Gnome and KDE?

6. What is name (3 words or 1 acronym) of the Linux software layer that allows user account information to be obtained from sources other than /etc/shadow?

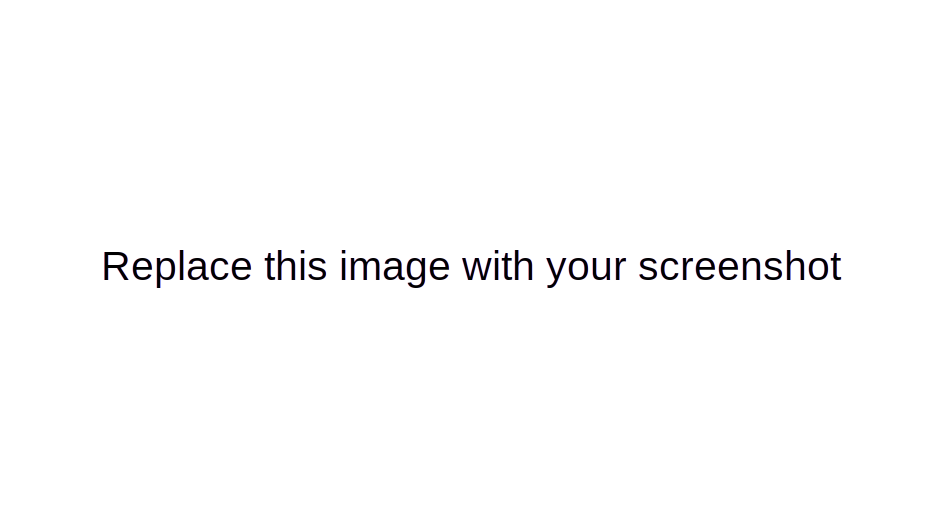
7. What piece of software, which is described in the background readings, mixes audio so that two programs can play sounds at the same time?

8. What software layer provides the userspace components required to use Bluetooth?

9. Why do we set wifi.scan-rand-mac-address=true in the NetworkManager configuration?

# Testing the Setup

*Replace the following image with the photo specified in the milestone instructions.*



# Submission

*When you have completed this worksheet, export it to PDF format. Upload the PDF file as your Moodle submission for Milestone 7.*