

## Exercise: Create a BOM in the BOM Designer

As a new assistant to the product designer at **USMF**, you have received a new specification for the enclosure side. An item is not set up for this specification. Therefore, you only need to create a simple BOM with component lines. Create a BOM titled "High Quality Speaker" and assign it to the Audio item group at site 1. Use the BOM designer to add the following items and quantities from the list and approve the BOM by using employee 000020, Julia Funderburk. Add items with warehouse 11 and the following quantity:

- 1 qty of M0008 / High End Cabinet / Black
  - 2 qty of M0002 / Mid-Range Speaker Unit
  - 1 qty of M0009 / Protective Corners
1. Go to **Product information management > Bills of materials and formulas > Bills of materials**.
  2. Click **New**.
  3. In the **Name** field, type 'High Quality Speaker'.
  4. In the **Site** field, type '1'.
  5. In the **Item group** field, enter or select Audio
  6. Click **Designer**.
  7. Click **BOM lines**.
  8. Click **Add to component BOM**.
  9. In the list, find and select M0008 / High End Cabinet / Black (the checkbox on the left should be checked).
  10. Click **OK**.
  11. Click **BOM lines**.
  12. Click **Add after line**.
  13. In the list, find and select M0009 / Protective Corners
  14. Click **OK**.
  15. Click **BOM lines**.
  16. Click **Add before line**.
  17. In the list, find and select M0002 / Mid-Range Speaker Unit
  18. Click **OK**.
  19. Close the page.
  20. Refresh the page.
  21. In the list of Bill of materials lines, find and select the row for M0002 / Mid-Range Speaker Unit
  22. Set **Quantity** to '2.0000'.
  23. Click **Approval** at the top. Select 000020, Julia Funderburk
  24. Click **OK**.
  25. Close all pages.