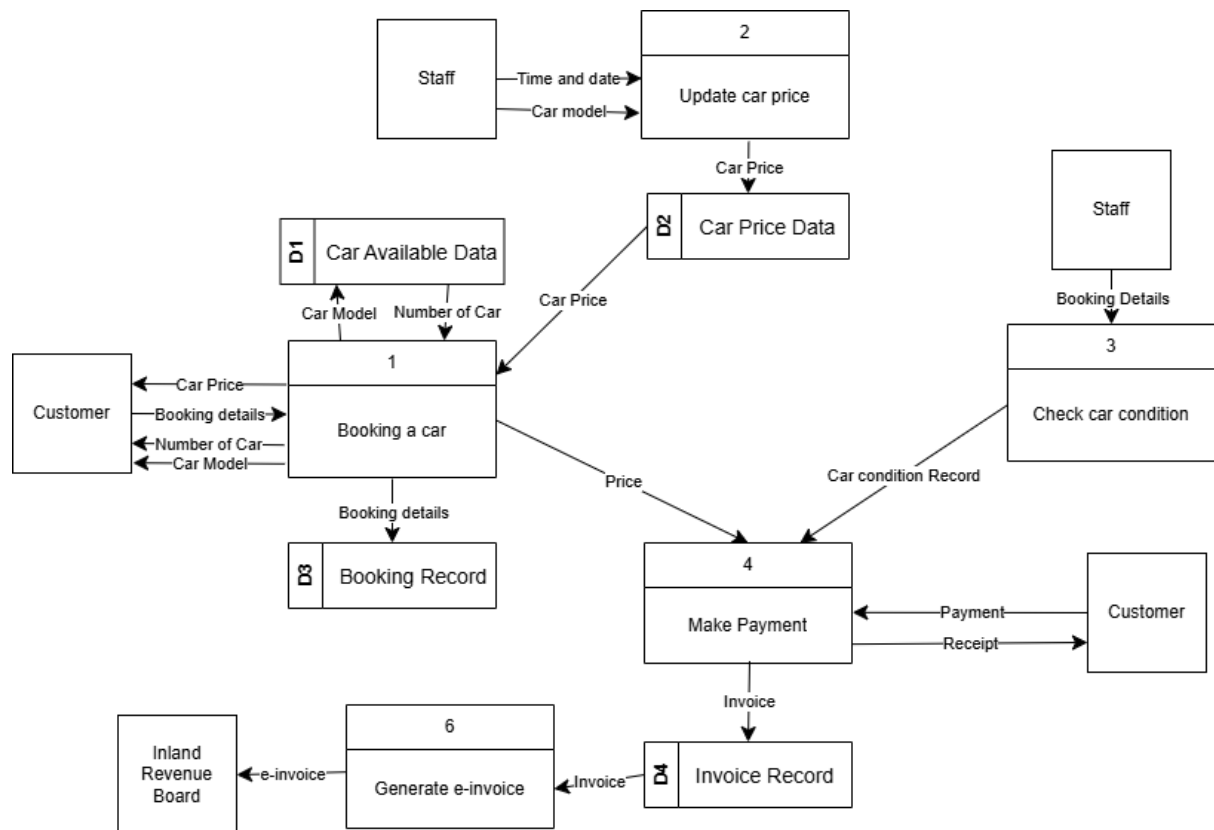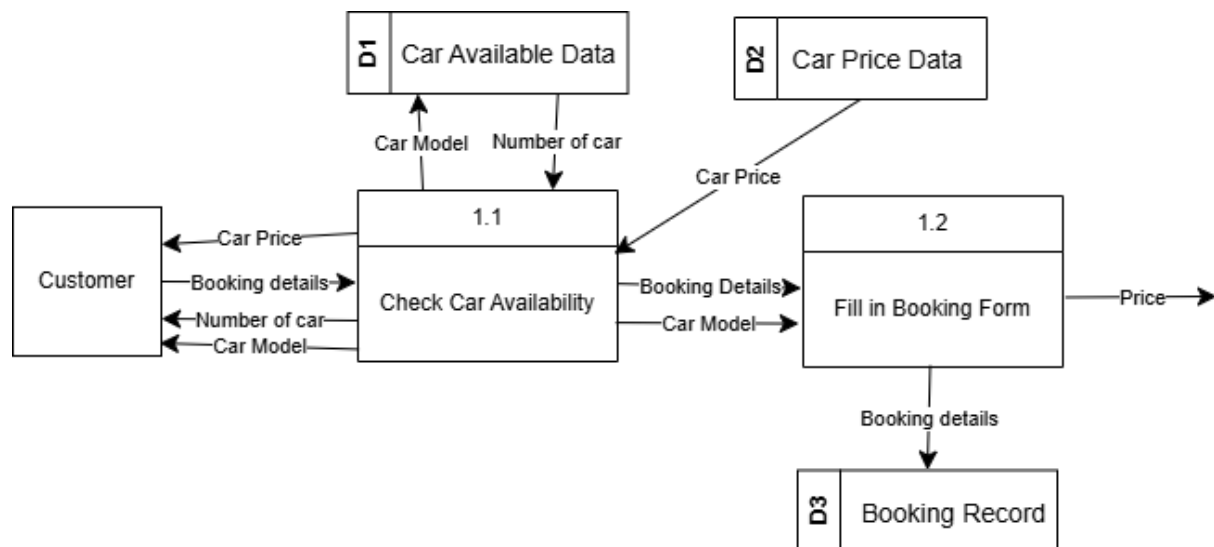Diagram 0:

Child Class (Process 1):

Logical Diagram: