

Create the Use Case Diagram, Activity Diagram, generic Sequence Diagram showing business actors, workers and entities for the following requirements.

### Order registration

Sales department of a company registers a new order. It checks, whether the ordered product is a standard product – if yes, it sends order confirmation immediately. If not – the order is sent for evaluation by the company's designer, analyst and technology specialist (they do the evaluation independently). After they submit their evaluations, sales department manager makes a decision – if all three evaluations were positive, he sends order confirmation. If at least one was negative, the order is forwarded to the manager of manufacturing department. If he agrees to manufacture the order, the sales department sends order confirmation, otherwise it sends order cancellation.

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### Publishing house

Preparing the book for publication starts with the author submitting the first version of the manuscript. The manuscript is sent for review to one of the reviewers employed by the publishing house. If he gives the manuscript a negative review, the author is informed about the rejection of the book and the whole process ends. If the review is positive, the publishing house negotiates and signs a contract with the author. Then, the manuscript is sent to an editor - the editor checks the manuscripts and then suggests changes to the author. The author introduces the changes, at the same time an artist designs cover for the book. Then the manuscript is sent to DTP experts for typesetting. When the book is ready, the first edition is printed and the marketing department of the publisher conducts a marketing campaign. At the end the book goes to the distributors and the process ends.