

Tutorial 2

Read the following project description and identify the actors and use cases. Draw a use case diagram showing how they interact.

You should form teams of about 4 from students sitting near you. First of all, create a list of actors by discussing the possibilities amongst yourselves. Then each person in the team takes on the role of one or two actors, depending on how many actors you have identified. You have to pretend that you are that actor and know what he or she wants the system to do. All other team members question the actors in turn and produce a use case diagram.

Newsagents plan to use a highly sophisticated computer system to make sure that the papers get delivered each day. The system should be able to cope with the needs of both the paperboy and the newsagent. Each morning the paperboy (or girl) receives a list of all the houses on his run, together with the papers and magazines that he must deliver. He also gets a list of totals for each publication so that he can just collect the required totals of each of the various papers and then make up his run. The newsagent will be able to enter new orders for papers, record complaints and temporary changes, and be able to calculate the boys' pay, based on the going rate, minus deductions based on mistakes. The newsagent will also be able to take orders for a large range of magazines and calculate daily totals for all the different publications.

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