

## MPB

### [P41: Music Store]

Consider the scenario of an online music store. The service should be available over the Internet and provide the options to choose and remove goods from a shopping cart, as well as to checkout or to abandon the transaction at any time.

The customer starts the process by logging in and browsing the catalogue. The customer can search for a song by author or title. The customer can select a song to play a 45' excerpt in streaming. The customer can also add and remove items from the shopping cart.

When the cart is non-empty, the customer can proceed to the checkout. The checkout requires the selection of the credit card number, which is debited at the bank. Afterwards the order is saved, the songs are made available for download and the customer receives confirmation by e-mail.

After the checkout the customer can logout or fill another shopping cart.

One week after the transaction, an e-mail is sent to the customer to remind him/her to rate the songs.

Design and analyse suitable processes that model the above scenario.