

Bike reservation process L2



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Registered user can reserve a bike on a specific bike rental checkpoint. When system receives reservation, it validates the res., if reservation is not valid the message is sent to the user. After that payment details are requested and payment is verified (Waiting for payment details may time out after 15 minutes and fail). Then the reservation is created. If there is problem during the process. System generates access token, which is used for locking and unlocking the bike. At the same time, there is checking availability of bikes at checkpoint, examining the state of the bike, locking with access token and transporting to a checkpoint by bike delivery. At the end, reservation is successfully finished and notification with access token is sent to the user.

