

ATDD/BDD Try It Out
Your Project
Ken Pugh
kenpugh.com

Here are the two projects mentioned, as well as suggestions for others. The GPS Errand Mapper can be made much richer if you have the time. The ATM PIN Elimination is an extension of a typical ATM exercise used in requirements and design courses. Sample solutions are given for the first two stories for the GPS and the first story for the ATM. These are only examples of solutions; yours may vary on how you see the context of the problem.

GPS Errand Mapper:

As a driver, I want to find the quickest route between a set of destinations

As a driver, I want to store that set of destinations so that I can retrieve it later

As a driver, I want to have the quickest route include determination of when the destinations are open

ATM PIN Elimination:

As a customer, I want to get my money out as quickly as possible without having to use a PIN
This allows the user to use either a PIN or an alternative means of verification. You may wish to start with a PIN version of withdrawal and then alter it to allow an alternative means.

As a customer, I want to ensure that only I can get my money out even if my PIN is divulged
This prevents the withdrawal of money with a PIN, only with an alternative means of verification. Other operations (e.g. deposit of cash) could use a PIN. You may wish to start with a PIN version of withdrawal and then alter it to prevent a PIN being used.

Examples of stories in other project areas:

Tweeting (e.g. twitter)

As a tweeter, I want to create a custom follower list so that a particular tweet will go out only to those followers

Auctioning (e.g. ebay)

As a bidder, I want to be able to bid on two or more different auctions for the same product and automatically place a new bid on only the auction which is at a lower price

Ordering (e.g. amazon)

As a buyer, I want to be able to order an item from a single site and have it place the order with the site with the least expensive overall cost (price and shipping)

Chatting (e.g. slack)

As a reader, I want messages with a ranking of how many other people have read them

Pizza shop information system

As a pizza eater, I want to be able to order my favorite pizza as efficiently as possible