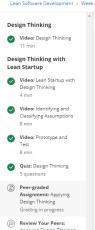
Lean Software Development > Week 4 > Applying Design Thinking



# Peer-graded Assignment: Applying Design Thinking

#### leview by Sep 16, 11:59 PM PDT

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# Apply Design Thinking Peer Review Assignment



by Callum Turasz August 22, 2020

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#### PROMPT

Identify some of the assumptions made about the success of remote deposit capture functionality. Assess the risk of each assumption affecting our product by classifying the assumptions into following four categories:

- High impact if wrong, High Probability of it being wrong
- 2. High impact if wrong, Low Probability of it being
- 3. Low impact if wrong, High Probability of it being
- 4. Low impact if wrong, Low Probability of it being

For each assumption, provide the reason why you categorized the assumption into the particular category.

People want to use the system - High impact if wrong, low probability of it being wrong - If it is wrong, a lot of money has been wasted and it will cost more to revert back to the previous state. However, as more companies move online, the customers who prefer in-person banking would eventually have to change anyway so they might as well stay with the company they have trusted thus first.

The system has adequate security - High impact if wrong, low probability of it being wrong. If the security is not good enough, it could result in people losing lots of money and the business losing customers. There should be a low chance of this happening due to laws in place and a high level of testing being required.

People have will have access to scanning technologies-High impact if wrong, low probability of it being wrong-Most people have some way of taking pictures nowadays so this should not be a problem. If the assumption is wrong though, the bank could lose customers.

People have emails - Low impact if wrong, low probability of it being wrong - People can easily create an email if they don't have one

People have internet - Low impact if wrong, low probability of it being wrong - People who don't have house Internet can often find a place that provides internet e.g. a library or cafe

People have access to required technology - Low impact if wrong, low probability of it being wrong - More or less everyone has access to a phone or computer whether that is in their house or at a libriary or cafe

People know how to use technology - High impact if wrong, medium to low probability of it being wrong - Most people are tech savy nowadays however there is a chance that older customers will struggle to adapt to this technology so could struggling using the bank

People want to use online banking rather than having to go somewhere in person - High impact if wrong, low probability of the bing wrong - Everyone likes things to be easy and quick, doing things online in any location is quick and easy whereas travelling to a bank is tedious. However, if people don't like the system and prefer inperson banking, the bank will lose customers.

#### RUBRIC

Did the learner identify the key assumptions behind this project?

Assumption #1 - Clients will actually buy scanners to deposit checks.

- Low impact since we also have mobile phone option for scanning.
- High Probability that this is wrong assumption
   based on the current industry trend

Assumption #2 - Blue Bank's existing clients want this feature.

- Low impact since if this is wrong, the bank can still benefit from new customers.
- Low probability of it being wrong since it will make check deposits easy for existing customers and many current banks already offer this service.

Assumption #3 - Potential customers will open an account with Blue Bank if we launch this feature

- High impact since, if this assumption is wrong, the Bank does not benefit from this project
- Low probability of it being wrong based on the current industry trend
- O pts

None of the key assumptions were identified and no other assumptions were listed.

- 4 pts
   None of the key assumptions were identified but
- other assumptions were identified.

  6 pts
- At least one of the key assumptions was identified but no other assumptions were identified.
- 9 pts
   At least one of the key assumptions was identified and a few other assumptions were identified.
- 10 pts More than one of the key assumptions were identified.
- 12 pts More than one of the key assumptions were identified and many other creative assumptions were identified.

Were assumptions classified correctly?

- 0 pts
- Didn't classify the assumptions.
- 4 pts Classified the assumptions, but no reasoning provided.
- 6 pts
   Classified the assumptions and provided valid reasoning.

Any other feedback you have for the learner?



## PROMPT

For any three assumptions you identified, please list the MVP Tests or Minimum Viable Experiments you can conduct to validate the assumptions? Please categorize your MVP Tests according to the following categories. It is okay to have 1 or 2 categories with no tests.

- High Cost, High Quality Data (tests that will be costly to conduct, but will result in high quality data)
- High Cost, Low Quality Data (tests that will be costly to conduct and will result in low quality data)
- Low Cost, High Quality Data (tests that will be inexpensive to conduct, but will result in high quality data)
- 4. Low Cost, Low Quality Data (tests that will be

## RUBRIC

Did the learner provide good MVP tests for the selected assumptions?

Examples of good MVP tests:

- A link on the website to enroll in the remote deposit functionality (Low Cost, High Quality Data)
- Link on the website to get more information on an app to deposit checks remotely (Low Cost, Low Quality Data)
- A survey to ask for preferred method of deposit checks (Low Cost, Low Quality Data).

inexpensive to conduct and will result in low quality data)	A survey to find out of existing clients have a scanner, and, if not, would they buy one for depositing charles (Low Cost, Low Quality Data).
Assumption: People have emails - Low cost. high quality data - Can check the system to see what percentage of customers have listed an email address for their bank account. If they haven't, you can phone them or contact them to make them create one.  Assumption: People have access to mealls - Low cost, high quality data - Can phone or contact them through post and ask if they have access to internet within a certain distance of them  Assumption: The system has adequate security - High cost, potentially low quality data - Costs a lot for good develops and good testers and you can never test a system enough so the data may not be enough to answer the assmption.	depositing checks (Low Cost, Low Quality Data).  O pts No MVP tests provided  4 pts Some MVP tests were identified, but none of them match or are anywhere near the examples listed above  6 pts At least some of the example tests listed above (or similar) were identified.  10 pts A lot of good quality tests were identified.  Were MVP tests classified correctly? Was the reasonin provided?  O pts Didn't classify the tests.  4 pts Classified the tests but no reasoning provided.  6 pts Classified the tests and provided valid reasoning.  Any other feedback you have for the learner?
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