

Activity

Identify a Problem Worth Solving - I

Instructions:

You will complete this activity in your practice venture teams. This activity is split into two parts – Part 1 and Part 2.

For Part 1 of the activity:

1. You will go out of the classroom, observe people, talk to them, and identify the top 3 problems that they are facing.
2. Use the questions provided in this handout as cues on how to get this activity going.
3. You have 45 minutes to complete this activity.
4. You do not need to come back to class after completing Part 1 of the activity. Therefore, if you need more time to come up with the top 3 problems faced by people around you, you may do so.
5. In case you have any questions, get in touch with your facilitator.

Use the following questions to record your observations:

1. Go out, look around you, and identify a problem that you can spot. Explain the context as well.

Everyone goes to doctor for regular health checkup, they have to remember and make appointments for them. sometimes they forget to take appointments intime and may lose previous reports.

2. What opportunity can you perceive from the above problem?

To solve this we can create an app called Health Inspector which will notify user when there is need for health checkup and also store the previous reports.

3. Who is the Customer?

For the above problem customers are age group above 25 especially old aged people who goes to hospital for regular health checkups.

Activity Identify a Problem Worth Solving - I

4. What according to the customer are the main problems?
sometimes they forgot to take appointments, lose reports.
5. What is the job to be done?
We can create an app which will notify user when there is a need for health checkup. It will automatically send message for appointment & notify user. It can also store reports.
6. What job is currently getting done?
Currently offline appointments are taking place. Customers take appointments the day before or one week before.
7. How is the customer getting the job done today OR how is the customer addressing this problem today?
The customer addressing this problem today by taking appointments (the day before or one week before) early.
8. Estimate the market size. Your assumption will do.
9. Does this seem to be a problem worth solving? Explain.

Note: If you think that this is not a problem worth solving, then you should look for another problem that you can solve.

Activity:
Applying Design Thinking

Instructions:

1. You will complete this activity in your PV groups.
2. Now that you have understood what Design Thinking is, you will apply its principles to flesh out the problem that you identified in the previous session.
3. Keep handy the handout, Identify a Problem worth Solving that you filled earlier so that you can refer to it as and when needed.
4. Next, answer the questions given below keeping in mind the problem worth solving that you identified in the previous session.
5. You have 40 minutes to fill up this questionnaire.
6. You need to submit this assignment as PDF on LearnWise.
7. In case you have any questions, get in touch with your facilitator.

Use the following questions to record your observations:

1. Where did you observe the customers?

I observed the customers in my neighbourhood.

2. Were the customers in the setting where they usually face this problem when you observed them?

Yes, the customer usually face this problem they forgot to take appointments and lose reports.

3. Did you talk to the customers?

Yes, I talked to the customer. He shared his experience of forgetting to take appointments and lost his reports.

4. What did you observe?

I observe that it is difficult for travel but customers are not interested to wear the jacket all the time and carry it.

Activity

Applying Design Thinking

5. Is there any other job that the customer would want to get done?

Customer wants the previous medical checkup reports to be stored at a place and also wants to take appointments easy.

6. Is there any other job that your product/service can do for the customer?

Yes, we want to create an application to take online appointments and to store the previous medical reports.

7. Do you think you can solve any of the customers' problems?

Yes, I can solve the customer's problem by creating an application called healthinspector.

Going back to Jason's case that we covered earlier, let us see how Design Thinking would influence his observation. The same set of questions have been used.

1. Where did you observe the customer?

Jason observed the customers in their neighborhoods when they came out of their houses to take short walks or to chit-chat with their friends.

2. Were the customers in the setting where they usually face this problem when you observed them?

Yes, many of the customers were near the bus stops waiting for buses and expressed their anxiety and discomfort in boarding these buses. They expressed how anxious they felt when they were forced to avail these buses due to some pressing need which required them to go to other parts of the city. They also expressed their frustration with the current facilities that were available to senior citizens such as them.

3. Did you talk to the customers?

Jason spoke to the customers directly to gather first-hand knowledge of the problems faced by them so that he could come up with solutions to address these problems.

Activity
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5. In case you have any questions, get in touch with your facilitator.

Use the following questions to record your observations:

1. Go out, look around you, and identify a problem that you can spot. Explain the context as well.

Now-a-days the weather conditions are unpredictable. It is hot for sometime and cold for sometime. It is too difficult to travel.

2. What opportunity can you perceive from the above problem?

From the above problem we decided to design a protective wearable smart jacket which adjust the temperature according to the weather conditions.

3. Who is the Customer?

The customer for above problem is a group of 20 to 40 who travels daily for long distances.

Activity:
Identify a Problem Worth Solving

Activity:
Applying

4. What according to the customer are the main problems?
due to the weather conditions it may be difficult to travel
5. What is the job to be done?
we can create a smart jacket which detects and adjust the temperature according to weather conditions.
6. What job is currently getting done?
we have jacket which we use in winter season but not for summer. The jacket protects from cool but not for heat.
7. How is the customer getting the job done today OR how is the customer addressing this problem today?
customer getting the job done only by protecting themselves from cold (i.e. they can only warm themselves)
8. Estimate the market size. Your assumption will do.
1000000
9. Does this seem to be a problem worth solving? Explain.
yes because it will help people to stay warm in winter

Note: If you think that this is not a problem worth solving, then you should look for another problem that you can solve.

Activity:
Applying Design Thinking

WADHWANI
Foundation

Instructions:

1. You will complete this activity in your PV groups.
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4. Next, answer the questions given below keeping in mind the problem worth solving that you identified in the previous session.
5. You have 40 minutes to fill up this questionnaire.
6. You need to submit this assignment as PDF on LearnWise.
7. In case you have any questions, get in touch with your facilitator.

Use the following questions to record your observations:

1. Where did you observe the customers?

I observed customers in my locality.

2. Were the customers in the setting where they usually face this problem when you observed them?

Yes, the customers usually face this problem during the summer season. As it is too hot in summer.

3. Did you talk to the customers?

Yes, I talked to the customer.

4. What did you observe?

I observe that it is difficult to travel but customers are not interested to wear the jacket all the time and carry it.

Activity:
Applying Design Thinking

Identify

5. Is there any other job that the customer would want to get done?
customers want to get done to have a jacket when it is too hot to cool themselves when they travel outside.
6. Is there any other job that your product/service can do for the customer?
One can design a jacket according to the weather conditions.
7. Do you think you can solve any of the customers' problems?
Yes, I can solve this problem by designing a protective wearable smart jacket which detects the temperature & adjust according to the weather conditions.

Going back to Jason's case that we covered earlier, let us see how Design Thinking would influence his observation. The same set of questions have been used.

1. Where did you observe the customer?
Jason observed the customers in their neighborhoods when they came out of their houses to take short walks or to chit-chat with their friends.
2. Were the customers in the setting where they usually face this problem when you observed them?
Yes, many of the customers were near the bus stops waiting for buses and expressed their anxiety and discomfort in boarding these buses. They expressed how anxious they felt when they were forced to avail these buses due to some pressing need which required them to go to other parts of the city. They also expressed their frustration with the current facilities that were available to senior citizens such as them.
3. Did you talk to the customers?
Jason spoke to the customers directly to gather first-hand knowledge of the problems faced by them, so that he could come up with solutions to address these problems.

Problem Worth Solving - 1

WADHWANI
FOUNDATION

Instructions:

You will complete this activity in your practice venture teams. This activity is split into two parts – Part 1 and Part 2.

For Part 1 of the activity:

1. You will go out of the classroom, observe people, talk to them, and identify the top 3 problems that they are facing.
2. Use the questions provided in this handout as cues on how to get this activity going.
3. You have 45 minutes to complete this activity.
4. You do not need to come back to class after completing Part 1 of the activity. Therefore, if you need more time to come up with the top 3 problems faced by people around you, you may do so.
5. In case you have any questions, get in touch with your facilitator.

Use the following questions to record your observations:

1. Go out, look around you, and identify a problem that you can spot. Explain the context as well.

Many people have resources but they won't use it and the things become old. Resources include electronic gadgets, bicycle, some games).

2. What opportunity can you perceive from the above problem?

Creating a platform to rent out their things.

3. Who is the Customer?

The customers for this problem are age group of 16 to 35 years.

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Identify a Problem Worth Solving - I

4. What according to the customer are the main problems?

- customer cannot afford to buy costly things. so, if they need things they want to take rent.

5. What is the job to be done?
Renting the resources.6. What job is currently getting done?
currently, we need to purchase things but cannot rent them.7. How is the customer getting the job done today OR how is the customer addressing this problem today?
customer getting the job done by purchasing things less more money and not using it frequently.

8. Estimate the market size. Your assumption will do.

Note: If you think that this is not a problem worth solving, then you should look for another problem that you can solve.

Activity:
Applying Design Thinking

Instructions:

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2. Now that you have understood what Design Thinking is, you will apply its principles to flesh out the problem that you identified in the previous session.
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7. In case you have any questions, get in touch with your facilitator.

Use the following questions to record your observations:

1. Where did you observe the customers?

I found customers in my locality.

2. Were the customers in the setting where they usually face this problem when you observed them?

Yes, they have things and keep the things in store room and the things get old.

3. Did you talk to the customers?

Yes, I talked to the customer.

4. What did you observe?

I observed that
Yes, they are interested but they are getting worried about their things whether they get their things safe or not.

Using Design Thinking

5. Is there any other job that the customer would want to get done?
They want to rent but they want safety for their things.
6. Is there any other job that your product/service can do for the customer?
We ~~they~~ can create a platform to interact customers to give rent and take things.
7. Do you think you can solve any of the customers' problems?
Yes, I can solve by creating a platform to rent out their things.

Going back to Jason's case that we covered earlier, let us see how Design Thinking would influence his observation. The same set of questions have been used.

1. Where did you observe the customer?
Jason observed the customers in their neighborhoods when they came out of their houses to take short walks or to chit-chat with their friends.
2. Were the customers in the setting where they usually face this problem when you observed them?
Yes, many of the customers were near the bus stops waiting for buses and expressed their anxiety and discomfort in boarding these buses. They expressed how anxious they felt when they were forced to avail these buses due to some pressing need which required them to go to other parts of the city. They also expressed their frustration with the current facilities that were available to senior citizens such as them.
3. Did you talk to the customers?
Jason spoke to the customers directly to gather first-hand knowledge of the problems faced by them so that he could come up with solutions to address these problems.

ty:
Brainstorm

Instructions:

1. You will complete this activity in your PV groups.
2. You have already identified a problem worth solving in the previous two sessions.
3. You will now look at the ways in which you can solve that problem. In other words, you will now ideate to find solutions for the problem that you have identified.
4. Before you begin, your facilitator will play the video. Let's Brainstorm.
5. Use the Brainstorming technique to ideate for solutions.
6. Come up with five ideas to address the problem that you identified and validated as worth solving in the previous session.
7. Put them on a sheet.
8. You get 25 minutes to complete steps 6 and 7.
9. Now discuss these ideas with the other teams and further build on these ideas.
10. Next, fill up the table below with these ideas.
11. You have another 20 minutes to complete this task.
12. You get a total of 45 minutes to complete this activity.
13. In case you have any questions, get in touch with your facilitator.

1. Describe the problem worth solving that you identified and validated through your problem interviews:

2. Record your ideas in the table below:

Idea 1	Smart Jacket according to weather conditions
Idea 2	Creating a health Inspector app (Taking Appointments, Patient Records, Medicines).
Idea 3	Rent out your personal things.
Idea 4	
Idea 5	