

Week 3 Tutorial

Goals

1. Identify the main user roles for the system.
2. Identify an initial set of user stories based on what these user roles would want to accomplish with the system.

Assumptions

1. You have attended the week 2 and 3 lectures.
2. You have explored the problem domain to acquire a general understanding of possibilities for the system.
3. You have completed a business model canvas for the system.

Activities

Activity 1 (10 min.)	Your tutor will review the requirements for submitting user stories for the first assessment. They will show you the template for the user story submission that is on BlackBoard. They will also point out two tools that are available to convert a Trello board or formatted CSV file into the user story submission structure.
Activity 2 (20 min.)	<p>Perform user role modelling for the Disaster Response System (DRS). The objective is to identify a set of roles that will help determine the system's functionality. Use the customer segments, and possibly key partners, from the business model canvas (BMC) as a starting point for generating more detailed roles.</p> <ol style="list-style-type: none"> 1. Spend 5 minutes brainstorming roles. Individually, each team member should write a potential user role on a sticky note and put it in the centre of the table. Keep adding notes with roles until you cannot think of any other roles. Do not worry about overlap of roles at this stage. 2. After you finish brainstorming, spend 5 minutes grouping similar roles together and remove redundancies. 3. Spend 10 minutes discussing and refining the roles to try and capture the range of users. <p>You may use an online whiteboard like miro to perform your brainstorming session and then use that as a source to create your final set of user roles.</p>
Activity 3 (10 min.)	Pair up with another team. Compare the roles identified by both teams. Did the other team identify different roles that are suitable for your vision of the system?
Activity 4 (15 min.)	<p>Select one role and produce a set of user stories for that role. Each story should capture one action and outcome expected by the role. Use the value propositions, from the BMC, that are relevant to the role as a starting point for generating stories. Revenue streams, and other parts of the BMC, should also inform the development of user stories.</p> <ol style="list-style-type: none"> 1. Spend 10 minutes brainstorming stories. Individually, each team member should write a potential user story on an index card and put it in the centre of the table. Keep adding cards with stories until you cannot think of any other stories. Do not worry about overlap of stories at this stage. 2. After you finish brainstorming, spend 5 minutes removing stories that are redundant or obviously out of scope. <p>You may use an online whiteboard like miro, or a planning board like Trello to perform your brainstorming and to create a record of your user stories. You can also create a structured Google sheet to record your user stories.</p>

10 min.	Break
Activity 5 (15 min.)	<p>Review the user stories produced for the role. Use the INVEST criteria to assess the quality of each story. One team member should read out one user story to the rest of the team. (Not necessarily one that they wrote.) Working through the INVEST criteria critique the story. You are not trying to improve or rewrite the story at this stage. The team member who read out the story should make notes on the story card about the issues identified. Once the critique is finished, the story card should go into one of three piles: discard, revise or good. Do not spend more than 2 minutes on any one story.</p> <p>While critiquing stories do not forget the value propositions and revenue streams that they are supposed to support.</p>
Activity 6 (5 min.)	<p>Create a column on your table, or a nearby wall, with the role name sticky note at the top of the column. Place all the good stories in the left-hand side of the column. Place all the stories to be revised in the right-hand side of the column.</p> <p>Your tutor will come around to review your stories.</p>
Activity 7 (25 min.)	<p>Select another role and go through the process of producing user stories for the role and reviewing them. Your tutor will continue to visit teams to observe your process and to review your stories.</p>

Required Outcome

You have identified a set of roles that categorise the users of the system. You have an initial set of user stories for at least two of the roles.

Further Work

Revise the user stories that need revision. Continue producing user stories for the other roles. Review the roles in light of the user stories you have identified. Do existing roles need to be merged or revised? Are there any missing roles?

You will need to bring your **complete** set of user stories to the week 4 tutorial.