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February 2<sup>nd</sup>, 2021

## **An Agile-driven User Requirement Collection** **(Caliper App)**

Carol, a manager at a small business run by her family in Budapest, Hungary, have an order from a customer that want 200 different sizes pie in 10 days, and she wanted to see if her employee can handle the different sizes of pie. As part of this, Carol gathers her employee to do a cool interactive pre-assessment to see if her employee has made guesses in total how many times while helping in the kitchen when choosing which pan can hold enough batter. This means that the assessment just let Carol see if the time it takes for her employee to guess the pan size have effect with the order delay. This however took a lot of time out of the day as she saw her employee guessing and not a lot of the employee chose the correct pan for the batter and it is wasting time and resources from her shop.

Carol decided to reach out to many manufacturer companies that she has connection with asking them is there any way to help her employee with the way to identify rounded shape and make it easier for her employee. Out of all the manufacture companies that she reaches out, Carol stumble upon one respond from one company asking them to use the caliper app. This app allows Carol to train her employee on how to use the caliper in different scenarios and let she see if there was any progress made for her employee. This allows Carol to see if she and her team can be able to limit down time on guessing pan and choose the correct one when it comes to baking so they will make it to the customer's deadline based on assign her team the app to use.

Below here are a couple of **user stories** based on the Caliper App:

1. As an employee, I want to be able to test up-to-date simulation of scenarios that require to use the caliper and put my knowledge to the test.
2. As a manager, I want to be able to learn how to use the caliper like my peer through the app with details step-by-step.
3. As a developer, I want to be able to import other data of simulation into the app if no data that I needed is in the app.

4. As a trainee, I want to be able to see my feedback after performing each scenario and see if I have succeeded or make mistake along the way during my performance.
5. As an employee, I want to be able to input my answer when using the caliper to see the CNC drill fit with technical specifications and see if the answer that I enter was the correct value.
6. As a trainee, I want to be able to see my result and comparing it to past result and trend to see how I perform on average with past result from other people.
7. As a manager, I want to be able to import new simulation scenario when there is a changing at unprecedented speed in the new conceptions of work and workplaces that I need my team to be up to date.
8. As a trainee, I want to be able to have a post-assessment to label the part of the caliper to test if I pay attention to the instruction were given on how to use the caliper.