

Appendix D. The material for a case study: explanation page for Case Study 2

Case study 2 – A Planning Poker website

This description is the functionality of the first version of www.planningpoker.com, which allows estimators in different locations to estimate collaboratively. The functionality of the website is described as follows:

A moderator is allowed to create a new game by entering a name, voting system, and optional description. After the game is created, he/she can invite estimators by sending them a URL to estimators' email. An estimator will be allowed to join a game after entering their name in the received URL. Only a moderator has access to set the game, including adding, deleting, editing, selecting estimated items in one session, and setting the estimation time.

Moderator starts the game by entering a list of user stories. Discussion Estimators can ask questions related to the story of the to be estimated user stories in the discussion forum. Moderator will answer those questions.

Estimators should give their estimation by picking up the card on the dashboard when the estimation time starts. The moderator can see the number given by each estimator, while each estimator cannot see the card number until the estimation time is finished. The moderator can see estimators who do not give their estimations and send a reminder. Before the time ends, estimators can change their estimations. However, only the moderator can change the average estimations score and show it in the dashboard. After the time ends, all participants can see their estimations, average estimation score, and choose if they accept or reject the decision. Once the decision is made, they cannot change their opinion. The moderator then saves the score along with user story they have estimated in an estimated list package and continue the process until all user stories are estimated.

The list of estimated user stories and the score can be found in historical estimation. Lists of estimated items are recorded in table. All participants are allowed to download and export the tables into several format that they can choose (e.g., Xls., HTML, CSV.). However, only moderator who has access to import user stories to the list of to be estimated items.

According to that case, some user stories are constructed as follows.