Survey Management System

- Use-Case Model -

# Use-Cases Identification

***Use case:*** Take Survey

***Primary actor:***  Respondent

***Main success scenario:***

1. Respondent clicks on the <start survey>e following format: button.
2. System checks the respondent’s last question number. If the respondent completes the survey for the first time, application will start from question 1. If the survey was completed once, the respondent restarts the survey from question 1. If the survey was not completed once and the respondent closes the tab, next time it logs in, will be redirected to the last question.
3. Respondent answers question and clicks on <next> button.
4. System verifies the entered answer, records response in the database, records survey status. Displays the next question or the end of the survey.
5. Respondent leaves the website or closes the browser.

***Extensions:***

1. Respondent clicks on the <next> button without giving an answer.
2. System will display a message, asking the respondent to introduce an answer.

***Use case:*** Manage Survey Questions

***Primary actor:***  Administrator

***Main success scenario:***

1. Administrator chooses to create a new survey for respondents.
2. System displays a new window letting the administrator to type the question, and giving him options with the type of the answer to the question.
3. Administrator clicks either the <next> button to create a new question or the <submit> button to register the survey.
4. The system registers the new survey.

***Extensions:***

I.

1. Administrator clicks on the <edit> button of a survey.
2. System will display the first question of the chosen survey.
3. Administrator can modify the question or the answering variants, or can go to the next question.
4. System saves the modifications.
5. Administrator submits the survey.
6. System records the modifications in the survey.

II.

1. Administrator clicks on <delete> button of a survey.
2. System will show a warning message.
3. Administrator can either proceed with deletion or to cancel the process.
4. The system deletes the survey from the database if the user proceeds with deletion. The system does nothing otherwise.

***Use case:*** Create Report

***Primary actor:***  Administrator

***Main success scenario:***

1. The administrator can generate a report for a survey.
2. The application will show a statistic with the answers for each question of the survey.
3. The administrator closes the statistics window.
4. System returns to the main page.

***Extensions:***

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# UML Use-Case Diagrams

