**Use Case – Create Survey**

**Level**: Client goal

**Primary Actor**: Client Administrator

**Stakeholder and interests**: The client has the main interest in this use case. The client wants to form an appropriate list of questions for their possible users to answer based on a likert scale. The client also shares their ideal answer for each question; the answers that will be used in the pyramid to compare user answers with to find the closest match.

**Preconditions**: The client must be successfully logged in as an admin and decided to create a new survey.

**Success Guarantee**: On the successful completion of this use case the system should store an equal number of question-answer pairs as specified by the client. A pyramid reflecting the clients question-ans pairs should have been created and presented to the client. The survey data is submitted to the server

**Main success scenario**:

1. The system prompts the admin to specify survey options (Timer yes or no, saving yes or no).
2. The system displays the options to edit, preview, save or publish the survey. [Alt Flow 3: Save]
3. The system provides the admin with the option to create question-ans pairs and the option to save their progress thus far.
4. The admin inputs a question-ans pair. [Alt Flow 1: number is too large][Alt Flow 2: not a number]
5. Steps 2-5 will be repeated as long as the admin wishes to add more questions to the survey.
6. The admin decides to preview the survey
7. The system provides the admin with a preview of the user perspective of the survey.
8. The admin decides to publish the survey [Alt Flow 4: edit the survey]

**Alt Flow 1: number is too large**

1. The system informs the admin that the Likert Scale they provided is too large
2. Resume flow at step 1 of main success scenario

**Alt Flow 2: not a number**

1. The system informs the admin that the input they provided is not a number
2. Flow resumes at the step where the user is asked to input a number

**Alt Flow 3: saving**

1. The system submits the partially completed survey to the server
2. The server stores the survey data in the database
3. Flow resumes at step 3 of the main success scenario

**Alt Flow 4: edit the survey**

1. The admin is returned to the survey creation page
2. Flow Resumes at step 3

**Special requirements**: Javascript supported browsers. The client have a clear idea of exactly what they are looking for, ie how many questions they will ask and the answers they desire.

**Miscellaneous**:

1. The length of questions will need to have some fixed range, single questions shouldn’t go over this range. We will have to come up with an appropriate range for questions given our layout.

2.) The survey will automatically save periodically