3.Methodology

The purpose of this feasibility study was to verify the possibility of implementing video recorded lecture website for IT students in the University of Bahrain. To reach its goal, the research studied the benefits and the advantage side of the video recorded lecture website on the IT students of the UoB and explore if applying this method could make significant improvements to the IT students academic performance. Moreover, the study aimed at surveying It students' expectations from such a website. This chapter will describe the research methodology followed in this research, explain the sample selection, present the procedure used in designing the instrument and collecting the research data, and provide an explanation and justification of the statistical procedures used to analyze the data.

3.1 Research Design

It was decided that the best method to adopt for this investigation was to employ a descriptive design. This research employed a survey by administering a standardized questionnaire. One advantage of using this research design is giving an opportunity to a representative number of students from the IT College to express their opinion about the topic of video recorded lecture website. Based on the findings, the research then could propose measurements to take toward implementing this system at the IT College, UoB.

3.2 Instrument

The participant in the survey were requested to fill an online questionnaire that consisted of ten items, divided into three parts. The first part was about participants' personal details: their year in the university, and whether they find themselves to be a more to be visual person or audible person or both. For both items, multiple choices were provided and the participants had to click on the most suitable response. The second part was about

the participants' attitude toward video recorded lecture website, whether they think it was a useful method of learning or not, whether they thought it would help students improve their performance, and it asked for their opinion about applying it and how they would like the website to be. The final part, third part, was about their video recorded lecture background, if the participants had a previous experience in searching online for video recorded lectures, and if so, for what courses and why, and if they ever had an instructor who record a lectures for them. The questionnaire was constructed and published using www.surveymonkey.com , a free survey webpage. It was made short enough to insure that the participants would finish in less than ten minutes. All the questions were close question, with a list of possible answers to choose from provided. An optional comment space was provided at the end so that participants could add any comments or details.

3.3 Data Collection

The link to the questionnaire was distributed among 50 IT students at the Information Technology Department, the UoB using the social media of the researcher by asking IT students at the University of Bahrain to participate in the questionnaire. The survey was conducted online on 9 May 2014 and it took in total less than two days to get the responses of all the 50 participants.

3.4 Method of Data Analysis

The responses of the participants in survey were automatically calculated by the website software itself and graphs were also generated with the number of responses to each questions. The results were then saved onto an Excel sheet to carry out further analysis. The data analysis consists of examining the responses to compare different points of view. The answers were then classified into categories and discussed.