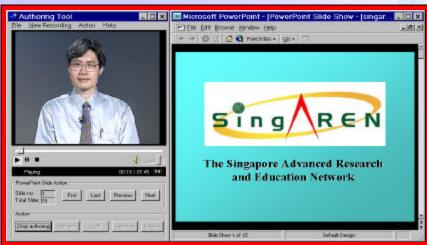# Nanyang Technological University
Network Technology Research Centre

Tools for Web-Based Lectures

The main objective of this project is to develop a set of tools for creating web-based courseware consisting of synchronized streams of video, audio and Powerpoint presentation, and subsequently integrate the tools into one system. The tool package consists of one video capture card, one video camera, and authoring and playing back software. With a friendly user interface, the authoring tool allows a user to develop the courseware from scratch, including making of video and presentation materials and the synchronization of the two by simple clicks. The courseware that has been developed can subsequently be uploaded onto the server for access via WWW or cut into a CD.