

**B.Sc (Honors) 2007**

**CS 405 – Senior Project Proposal Form**

<b>Project Title</b>	Intelligent Lecture Recorder (final name given during presentation)
<b>Group Number</b>	<b>Group No. 7</b>
<b>Group Members</b>	<b>Student Number</b> <span style="float: right;"><b>Name</b></span>
	2007-02-0236 <span style="float: right;">Ahmad Humayun</span> 2007-02-0162 <span style="float: right;">Ozair Muazzam</span> 2007-02-0130 <span style="float: right;">Tayyab Javed</span> 2007-02-0370 <span style="float: right;">Yahya Amanullah Cheema</span>
<b>Abstract</b>	<p>The aim of the project is to design a system that would automate the recording process for university lectures, using video cameras that act intelligently to focus on the instructor, the presentation, the dais or the class of students, whichever is more important at that time.</p> <p>There is a dire need of cheap, deployable, video systems which are able to record an academic atmosphere un-aided. We aim to develop a system which doesn't require human intervention because of two reasons; employing a dedicated camera team doesn't allow a university to film every important lecture feasibly; two, the visual presence of someone guiding a camera might not allow an instructor to follow his own natural style of teaching.</p> <p>Our aim is to produce a high quality video which retains a feel of the classroom feel.</p>
<b>List of Final Deliverables</b>	<ul style="list-style-type: none"><li>• SRS Document</li><li>• Analysis and Design Document</li></ul>
<b>Client Information</b>	We will initially focus on making the system marketable to universities like LUMS and VU (Virtual University), but ultimately we will try to make the system generic enough to work in any academic environment.
<b>Faculty Advisor(s)</b>	Dr. Sohaib Khan Dr. Umar Saif

**Approved by:**

Dr. Sohaib Khan

signature

Dr. Umar Saif

signature