

Service Name	Interactive Learning System via tablet pc /E-Reader
Background & Motivation	<p>Information technology integrated into instruction has always been one of the main policies in education for developed countries. With innovations of information technology, one of the main education issues is how to apply the emerging technology into educational purposes. After the advent of tablet pc (or Pad-like device, E-Reader), many countries consider the tablet pc as the future students' learning device. For example, Taipei City Mayor Hau decided to promote 「E-Schoolbag」 within schools in Taipei City, and the South Korean government also decided to invest 2.2 trillion won into the development of Tablet PC-based interactive learning environment. It will be seen from this that tablet pc will be one of the mainstream of the future education market. At the present stage, there is nearly success case about tablet pc, so we take this opportunity to propose the tablet pc applied in education environment.</p>
Content	<p>In 2010, we carried out the empirical research about Interactive learning system via OID pen in Taipei Municipal MinZu Elementary School, teachers and students all agreed this new learning model. In this year, we integrate the Interactive learning system via tablet pc to develop variety teaching service. Teacher-student interaction is one of the main modes of classroom teaching. With the convenience and functionality of tablet pc, this project uses tablet pc as learning device to draw up two application mode:</p> <p>(1) Quiz mode: Teachers can quiz students through Interactive learning system, and students can use personal device to answer the question immediately. The combination of learning platform and students' devices adjusts serious quizzes into interesting games.</p> <p>(2) Examination mode: Examination is the tool to verify students' learning performance. We use tablet pc as an exam tool to replace traditional paper examination. Teachers can deliver digital examination to students' personal device, so students can take the examination by their device. After examination completed, teachers can realize the distribution of students' performance immediately by Interactive learning system.</p>

<p>Expected Performance</p>	<p>This project is expected to introduce tablet pc into education. As the starting point from interactive activities, we convert traditional examination into paperless examination via tablet pc. It reveals real-time distribution of students' performance in classroom, let teachers realized the learning states immediately. Besides, students also can review the examination through their device to enhance the learning performance.</p> <p>Because domestic and foreign governments are actively to use tablet pc into educational purposes, this project undergoes empirical research which assist the educational institutions and e-learning industry in looking for the feasibilities and developing a best solution to introduce tablet pc into campus. With Technical cooperation, we can assist relevant units to develop a variety of learning service model, such as integrating tablet pc and academic affairs system, paperless teaching environment solution on campus.</p>
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