NDSU Technology Action Plan

I. Submittal Form

NDSU ORGANIZATION OR UNIT
Information Technology Services

TITLE OF PROJECT
Mobile Learning: Purchase of Apple iPads to support requests for Blackboard Mobile Web Service building block.

Project Duration
From: June 7, 2010
To: December 7, 2010

Type of Project (Check one)
New X Previously Submitted
Renewal

Total Technology Fee Request $1890.00

Project Director Jeffery W. Gerst
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Name (Type or Print) Signature Date

Project Director

Jeffery W. Gerst May 26, 2010

Unit Head

Bonnie Ness May 27, 2010

Executive Summary (maximum of 175 words)

We have received requests to support the iPad as a tool for mobile learning. EDUCAUSE Learning Initiative's (ELI Paper 1: May 2010) highlights what educators must keep in mind in order to integrate mobile technology into their teaching and learning. The goal of this Technology Fee request is to purchase three iPods for use by our Instructional Services staff (2 iPods) and by our Help Desk staff (1 iPad).
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II. Project Overview

1. How does this project meet student needs? The project will make it possible for Information Technology Services staff members to assist students in the use of the iPad in pursuit of learning. It is expected that the availability of iPad and iPad-like devices will increase.

2. What audience does this project directly serve? What audience is indirectly served? How many students are affected? We cannot at this time make an estimate of the number of students that will be directly or indirectly served by this project. The iPad and iPad-like devices are new. Blackboard, our learning management system, has announced its intention to support Android®, BlackBerry®, and iPhone® operating systems.

3. For projects that target a subset of NDSU’s students, please describe the possibility for broader application in the future.

4. Describe both the immediate and long term impact of this project. EDUCAUSE Learning Initiative's paper, Mobile Learning: Context and Prospective (ELI Paper 1: May 2010) predicts, "...the potential is enormous [for application of mobile learning] and we can expect the rate of development will be very rapid indeed."

5. Who will pay for ongoing expenses following the technology fee funded portion of this project (e.g., who will replace hardware or software after it has reached its end of life)? Ongoing support for the refresh of the iPads will be integrated into our ongoing Technology Fee support budget by dropping support for certain checkout equipment such as digital cameras.

6. Describe how this project will follow best practices in information technology and who specifically in the Division of Information Technology, (which includes three departments: Information Technology Services, Enterprise Computing and Infrastructure, Telecommunications and Emergency Support Technologies) was consulted regarding this project?

7. What service on campus is most similar to the one proposed here? How does this project differ? There is no service similar to the one proposed.
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III. Project Description

Instructional Services
1. Mobile learning is a rapidly expanding instructional technology, and our team needs to be prepared. The fact that we have already received multiple requests for the iPad Blackboard addition is a good sign that this is just the start of more to come.

2. For NDSU to be / become innovative in instruction, IT must be flexible to help faculty have the technology needed.

3. The team needs the iPads so that they can test and troubleshoot the tools that we normally support on this new medium. Since it is somewhat between a laptop and a smartphone, you can't assume it's considered only a handheld. The users who have already requested help consider it more a small laptop. So it is still within the realm of our usual support in their eyes.

4. Instructional Services expect a surge of iPads on campus for both faculty and students. If we have 2 iPads, it will allow us to test what it's like for faculty and students to work together using them.

5. Our iPads will be available to other areas of ITS as a shared resource. Cloy would like to use one from time to time to test issues related to his area. This could also be true of Theresa and Kim. We will encourage the TLMC crew to become familiar with the iPad, since they get walk-in traffic.

6. By having iPads at our disposal, we can look for effective applications of the technology, and since they are like other mobile technology, these Best Practices and/or recommendations can be expanded to other types of units.

Help Desk
1. Use, the iPad would be used to provide assistance to students, staff and faculty connecting to NDSU's wireless network and accessing IT services.
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IV. Milestones

List the date for each project milestone. These milestones should represent the *significant* accomplishments that will be associated with the action plan. For each milestone, please indicate its expected outcome and the means for assessing that outcome. (The table may be extended if the number of milestones exceed five.)

<table>
<thead>
<tr>
<th>Date</th>
<th>Milestone</th>
<th>Expected Outcomes</th>
<th>Means of Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. June 2010</td>
<td>Purchase iPods</td>
<td>Receipt of iPods from Bookstore</td>
<td>Completed purchase order</td>
</tr>
<tr>
<td>2. July 31, 2010</td>
<td>Testing and documentation of use of iPod with Blackboard building block</td>
<td>Blackboard Mobile Web Services building block will function as advertised.</td>
<td>Successful passing of user scenarios.</td>
</tr>
<tr>
<td>3. August 15, 2010</td>
<td>Description and publication of Blackboard/iPad support.</td>
<td>Blackboard users' group and IT Communication Liaisons will be the communications channels</td>
<td>Monitor numbers of Help Deck requests for iPad support and/or training.</td>
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</tbody>
</table>

4.

5.

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V. Supporting Documentation
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VI. Budget

NDSU ORGANIZATION OR UNIT
Information Technology Services

PROJECT DIRECTOR(S)
Jeffery W. Gerst

<table>
<thead>
<tr>
<th><strong>A. Salaries and Wages (Number)</strong></th>
<th><strong>Number of Months</strong></th>
<th><strong>FUNDS REQUESTED</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Staff ()</td>
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<tr>
<td>2. Graduate Students ()</td>
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<tr>
<td>3. Undergraduate Students ()</td>
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<td><strong>B. Total Salary and Wages (Sum A.1, A.2, and A.3)</strong></td>
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<tr>
<td><strong>C. Fringe Benefits</strong></td>
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<td><strong>D. Total Salaries (Sum B and C)</strong></td>
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<tr>
<td><strong>F. Total Equipment (Sum items in E.)</strong></td>
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<tr>
<td><strong>G. Materials and Supplies (List each item)</strong></td>
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<td><strong>H. Total Materials and Supplies (Sum items in G)</strong></td>
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<tr>
<td><strong>I. Total Salaries; Equipment; Materials and Supplies (Sum: Line D + Line F + Line H)</strong></td>
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<td><strong>J. Total Technology Fee Request</strong></td>
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<tr>
<td><strong>K. Match (Describe in Match Section)</strong></td>
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<tr>
<td><strong>L. Total Project Expenditure (Sum: Line J + Line K)</strong></td>
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<td>$ 1890.00</td>
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</tbody>
</table>

Name (Type or Print) | Signature | Date
---------------------|-----------|-------
Project Director     | [Signature] | May 26, 2010
Unit Head            | [Signature] | 5-26-10