

## Fieldtrip Administration System

Developed for a local public school district to help administer fieldtrip requests. Teachers fill out a web-based Fieldtrip Request form on the district's intranet. The request is logged and routed to the appropriate principal for authorization. Once approved, it is forwarded to the transportation department for approval.

The system fully integrates to the district's existing calendar/appointment system to display fieldtrips. Our system reads from and writes to the calendar system so that users see fieldtrips as they would other appointments.

Data exported to district's existing transportation billing system with one button push.

The following are requests you have rights to view. There are 3 steps.

User: default  
Rights: Transportation

1. **Pending** - initial state after requested
2. **Authorized** - authorized by principal or special education
3. **Approved** - approved by transportation and buses assigned

View Trips on/after: Mon  Day  Year

SCHOOL	TEACHER	DATE	DESTINATION	STATUS	ACTION		TOM
Kimball	Ms. Howard	Nov 14, 2004	<a href="#">UMD</a>	Pending	<input type="button" value="Cancel"/>		
Addams	Mr. Birecki	Nov 27, 2004	<a href="#">Apple Orchard</a>	Pending	<input type="button" value="Cancel"/>		
Dondero	Mr. Brady	May 11, 2005	<a href="#">Henry Ford</a>	Auth May 11, 2004	<input type="button" value="Cancel"/> Buses: <input type="text" value="2"/>	<input type="button" value="Approve"/>	
Dondero	Mary Smith	May 11, 2005	<a href="#">Zoo</a>	App May 02, 2004	<input type="button" value="Cancel"/> Buses: <input type="text" value="2"/>	<input type="button" value="Change"/>	<input type="checkbox"/>
Dondero	Kevin Brady	May 11, 2005	<a href="#">Football game</a>	App Jan 19, 2004	<input type="button" value="Cancel"/> Buses: <input type="text" value="2"/>	<input type="button" value="Change"/>	<input type="checkbox"/>
Red Background in TOM column = already exported to a file							<input type="button" value="Export"/>

### Features

- Integrated with district security system identify appropriate rights for users
- Full workflow system ensures approval by correct management levels
- Automatic reminders sent if approvals not timely
- Automatic cancellation if not approved by deadlines.
- Requesters receive email notification at each stage of the process
- Two-way transactional data exchange to in-house calendar/appointment system
- Data transferred to in-house transportation if approved

### Technology

Language: Perl  
Database: MySQL  
Server OS: Linux