

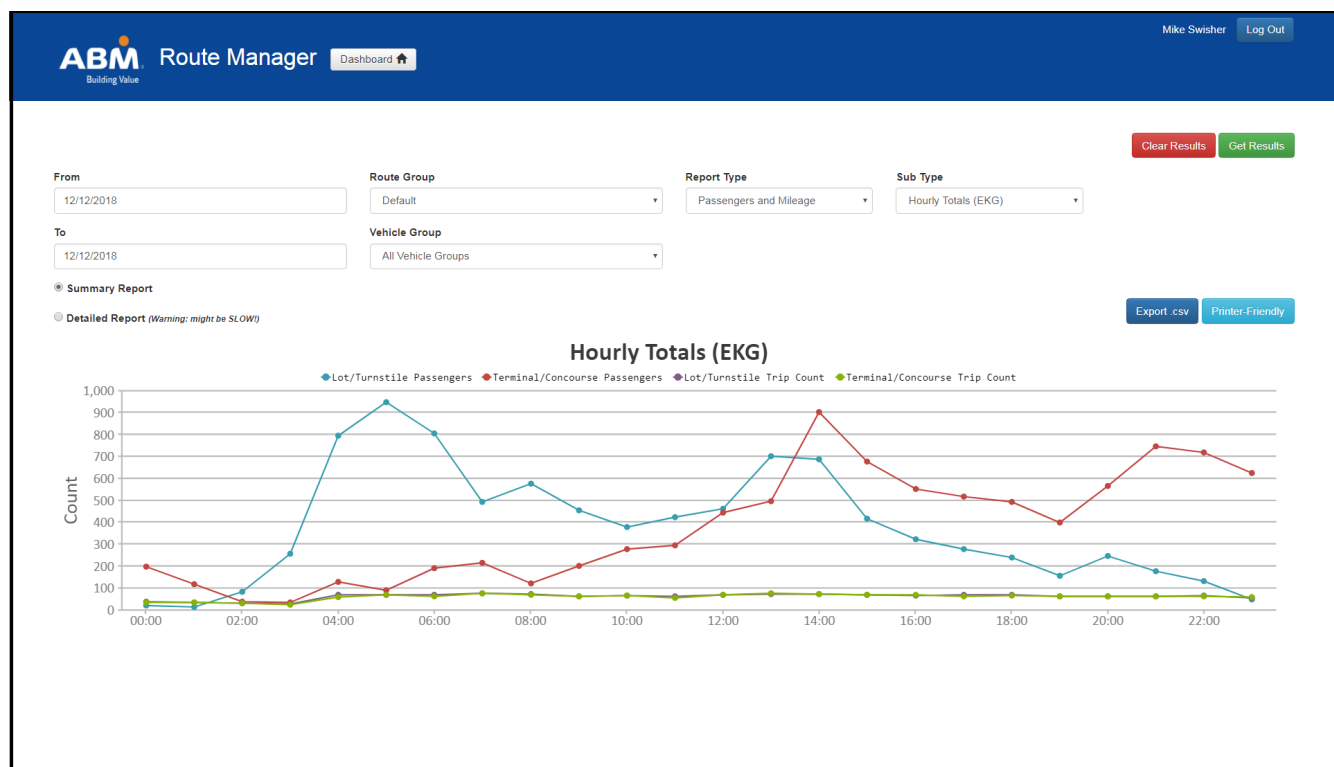
Overview

RouteManager is a web-based Content Management System designed to track and manage Shuttle Operations at ABM DIA. RouteManager was created to provide a platform for simple data entry, consistency in data, and comprehensive reporting. RouteManager is designed to minimize time and effort spent entering and manipulating data, and to provide a single-source solution for all pertinent data regarding daily operations.

- Route Manager is expected to reduce time and effort spent entering and managing data by ABM staff by 20% to 50%.

Functions

- **Reports**
 - Allows for comprehensive management reports on all pertinent data in the system
 - Reports for Passengers and Mileage, In-Service Hours, Comments, Fluids and Users
 - Features Hourly “EKG” Bar Chart reports
 - Allows for high specificity in results



- **Accident Management**

- Allows for comprehensive accident logging, including such features as user-editable damage diagrams, and linked photographs and documents
- Input fields and drop-downs allow for all data entry
- Grouped by sections for easy input and editing

ABM Route Manager

Mike Swisher

Log Out

Dashboard

Save

Close

ACCIDENT INFORMATION

Date of Accident

12/15/2018

Time of Accident

12:12

Airport Name

Denver International Airport (DIA)

Lot/Route

Pikes Peak

Location of Accident

South Side of Terminal

Property Damage

None

General Comments

None

Linked Documents

Photos Taken

Other Documents

Conditions

ROAD

☒ Dry

☐ Wet

☐ Snow

☐ Ice

WEATHER

☒ Clear

☐ Rain

☐ Snow

☐ Fog

LIGHTING

☒ Daylight

☒ Dawn

☐ Dusk

☐ Dark

Contributing Factors

☐ Backing

☒ Turning

☐ Road Conditions

☒ Speed

☐ Mechanical

☐ Spacing

☐ Other

Comments

None

ABM DRIVER INFORMATION

Employee Name

Mike Swisher

Badge No:

123434

Exp:

11/06/2018

Driver License No:

123-4567

Exp:

10/30/2020

Address:

123 Aurora CO 80013

Phone:

(303) 669-4118

Driver Injured

Yes

Driver Cited

Yes

Drug Test

Yes

Comments

rtth

ABM VEHICLE INFORMATION

Vehicle Type

2017 Eldorados

Vehicle Name

216

VIN:

32156549879879

License Plate No:

RED-123

Vehicle Damaged

Yes

Vehicle Drivable

Yes

Comments

rtgadefb

POLICE REPORT

View/Edit

SUPERVISOR STATEMENT

View/Edit

OTHER DRIVER INFORMATION

Other Driver Name

Joe Test

Address

123 Main Str

City

Anytown

State

Colorado

ZIP

80222

Home Phone

(505) 214-5658

Work Phone

(555) 231-4587

Driver License

321/5698

Exp

12/20/2020

Insurance Co.

Phone No.

Policy No.

Driver Injured

No

Driver Cited

No

How Many in Vehicle

7

Vehicle Damaged

Yes

Vehicle Drivable

Yes

Comments

Other Vehicle is a Classic Car

INJURIES LIST

Add Injury

Name	Age	Phone	Role
Joe Witness	34	(505) 254-8789	Shuttle Driver

WITNESS LIST

Add Witness

Name	Day Phone	Evening Phone
Fred Witness	(505) 324-5698	(505) 241-4568

- **Customer Comments**

- Allows for tracking of customer complaints and compliments
- Tracks pertinent information such as Driver, Route, Date Time, and Resolution
- Color-Coded Comment Types (Complaint, Compliments and General)
- Includes a Employee Compliment Summary Report

ABM

Building Value

Route Manager

Dashboard

Mike SwisherLog Out

New Comment

From

12/10/2018

To

12/17/2018

Find

Employee Summary Report


Export .csv

Printer-Friendly

Date of Incident	Customer Name	Employee Involved	Location of Incident	Vehicle Name	Comment Type	Comment Text	Resolution
12/10/2018	30352255528		B Concourse		Comment	Can someone please tell me what time the B-Con bus drivers start in the morning	
12/10/2018	Erik Davidson				Complaint	This is the 5th time I've written you now. It's 445 am. There is absolutely no need for the abrasive fluorescent lights to be illuminated the entire ride to work from the employee lot. It is frustrating for passengers and it is dangerous for the drivers. Bright lights make it very difficult to drive safely at night. Please correct this issue amongst all drivers! I hate having to write you every time I go to work. Ridiculous!!!	
12/10/2018	Erik Davidson				Complaint	This is the 5th time I've written you now. It's 445 am. There is absolutely no need for the abrasive fluorescent lights to be illuminated the entire ride to work from the employee lot. It is frustrating for passengers and it is dangerous for the drivers. Bright lights make it very difficult to drive safely at night. Please correct this issue amongst all drivers! I hate having to write you every time I go to work. Ridiculous!!!	
12/10/2018	Cindy Fitzkee	Faisal Eltayeb	Pikes Peak	516	Compliment	I wanted to say what a great experience we had with your driver. Faisal was great!	Sent Thank you email to BP on 12.11.18 CA
12/10/2018	8317139143	Temesgen Jemalemolago	Pikes Peak	519	Compliment	My name is Marcea contact info 8317139143 just wanted to say we had a really nice, kind driver on bus 519 on December 10th at 7PM :)	

• Driver Sheet Entry

- Allows for entry of Passenger Counts, Trip Counts and Breaks for each Route, for each Vehicle, per day
- Features an Excel-like grid for fast data entry
- Calculates In-Service and Out of Service hours


Route Manager
Building Value

Mike Swisher
Log Out

Save and Close

ApplyCancel

Date

Vehicle

12/01/2018

509

View Totals

🔍

🔍

🔄

+

-

Grid Count: 1

Route Name

Pikes Peak

Hour	Passenger Count Lot/Turnstile	Passenger Count Terminal/Concourse	Trip Count Lot/Turnstile	Trip Count Terminal/Concourse	Out of Service (Military Time)	Back In Service (Military Time)	Outage Reason (Select One)	Billable (Blank=True)	Hours Out Total
	143	75	23	25					4h 0m
0000					00:00	04:00	Parked		4h 0m
0100									
0200									
0300									
0400	21		2	1					
0500	5		1	1					
0600	38	2	1	1					
0700			1	1					
0800	18		2	2					
0900	11		1	1					
1000		4	1	1					
1100	12		1	1					
1200		6	1	2					
1300	7	8	2	2					
1400	2		1	1					
1500	2	8	1	2					
1600			1	1					
1700		24	1	2					
1800	9	19	1	1					
1900	5		1	1					
2000		4	1	1					
2100			1	1					
2200	10		1	1					
2300	3		1	1					

• Fluids

- Allows for tracking of Fluid usage per vehicle per day
- Tracks pertinent information such as CNG usage, Washer Fluid usage, Oil usage, Fueler Name, Vehicle Name, and more.
- Easy tabbing data entry form

<div> <div>ABM</div> <div>Route Manager</div> <div>Dashboard</div> </div> <div> <div>Mike Swisher</div> <div>Log Out</div> </div>									
<div>New Entry</div> <div> <div>From</div> <div>12/13/2018</div> </div> <div> <div>To</div> <div>12/13/2018</div> </div> <div>Find</div> <div> <div>Export .csv</div> <div>Printer Friendly</div> </div>									
Vehicle Name	Date	Fueler	Shift	Mileage	Hours	CNG	Oil	Coolant	Washer Fluid
520	12/13/2018	Abraha Abraha	Swing	78944	9375	17			
ABM 23	12/13/2018	Mulualem Yigzaw	Swing	41680		12			
526	12/13/2018	Larry Todd	Day	68161	8152	20			
521	12/13/2018	Omer Adem	Day	69670	8121	22			
524	12/13/2018	Omer Adem	Day	77309	9200	42			
527	12/13/2018	Omer Adem	Day	71276	8154	18			
530	12/13/2018	Omer Adem	Day	69653	8965	29			
538	12/13/2018	Omer Adem	Day	81916	8492	29			
539	12/13/2018	Omer Adem	Day	53154	7385	29			
540	12/13/2018	Omer Adem	Day	66697	9093	49			
542	12/13/2018	Omer Adem	Day	58551	8439	27			
543	12/13/2018	Omer Adem	Day	59665	8515	28			
544	12/13/2018	Omer Adem	Day	44704	6747	35			
545	12/13/2018	Omer Adem	Day	57424	8052	27			
504	12/13/2018	Amouan Ekegna	Day	73638	8411	24			
510	12/13/2018	Amouan Ekegna	Day	77111	9011	44			
518	12/13/2018	Amouan Ekegna	Day	72950	8589	18			
529	12/13/2018	Amouan Ekegna	Day	76086	9089	45			
533	12/13/2018	Amouan Ekegna	Day	62114	8095	39			
534	12/13/2018	Amouan Ekegna	Day	61007	8125	30			
537	12/13/2018	Amouan Ekegna	Day	52769	7629	29			
541	12/13/2018	Amouan Ekegna	Day	55384	7752	35			
401	12/13/2018	Ephrem Birhanu	Day	77671		13			
402	12/13/2018	Ephrem Birhanu	Day	71572		11			
403	12/13/2018	Ephrem Birhanu	Day	71582		8			
404	12/13/2018	Ephrem Birhanu	Day	73985		6			
405	12/13/2018	Ephrem Birhanu	Day	75227		7			
408	12/13/2018	Ephrem Birhanu	Day	76098		9			
409	12/13/2018	Ephrem Birhanu	Day	72801		7			
410	12/13/2018	Ephrem Birhanu	Day	72073		9			
504	12/13/2018	Khadim Sharza	Swing	73721	8418	23			
507	12/13/2018	Khadim Sharza	Swing	75982	9170	22			
517	12/13/2018	Khadim Sharza	Swing	73045	8597	21			
533	12/13/2018	Khadim Sharza	Swing	62168	8103	21			
534	12/13/2018	Khadim Sharza	Swing	61074	8135	25			
536	12/13/2018	Khadim Sharza	Swing	64241	8628	25			
538	12/13/2018	Khadim Sharza	Swing	61975	8506	22			
539	12/13/2018	Khadim Sharza	Swing	53233	7392	18			
543	12/13/2018	Khadim Sharza	Swing	59732	8525	24			
544	12/13/2018	Khadim Sharza	Swing	44780	6757	26			
502	12/13/2018	Desalegn Yehune	Swing	88655	9695	45			
503	12/13/2018	Desalegn Yehune	Swing	79636	9263	40			
505	12/13/2018	Desalegn Yehune	Swing	75632	9058	42			
509	12/13/2018	Desalegn Yehune	Swing	78936	9399	35			
514	12/13/2018	Desalegn Yehune	Swing	75824	9244	30			
519	12/13/2018	Desalegn Yehune	Swing	80291	9371	38			
520	12/13/2018	Desalegn Yehune	Swing	78944	9375	17			
527	12/13/2018	Desalegn Yehune	Swing	71375	9163	19			
507	12/13/2018	Biruk Bedru	Swing	75898	9173	14			
510	12/13/2018	Biruk Bedru	Swing	77160	9019	30			
521	12/13/2018	Biruk Bedru	Swing	69747	8129	24			
524	12/13/2018	Biruk Bedru	Swing	77365	9208	30			
529	12/13/2018	Biruk Bedru	Swing	76093	9074	13			
530	12/13/2018	Biruk Bedru	Swing	69736	8973	22			
537	12/13/2018	Biruk Bedru	Swing	52842	7639	25			
540	12/13/2018	Biruk Bedru	Swing	66759	9101	23			
542	12/13/2018	Biruk Bedru	Swing	58629	8450	25			
545	12/13/2018	Biruk Bedru	Swing	57507	8090	23			
309	12/13/2018	Juan Cisterne	Swing	525935	5766	46			
504	12/13/2018	Rene Mancha	Grave	73808	8426	28			
509	12/13/2018	Rene Mancha	Grave	75012	9409	28			
517	12/13/2018	Rene Mancha	Grave	76807	8825	25			
518	12/13/2018	Rene Mancha	Grave	73127	8605	27			
522	12/13/2018	Rene Mancha	Grave	72720	8686	27			
525	12/13/2018	Rene Mancha	Grave	73648	8678	31			
539	12/13/2018	Rene Mancha	Grave	53320	7400	27		7	
545	12/13/2018	Rene Mancha	Grave	57596	8068	26			
302	12/13/2018	Rene Mancha	Grave	535100	5762	35			
334	12/13/2018	Rene Mancha	Grave	416320	5430	34			
501	12/13/2018	Antoine Niare	Grave	80624	8638	22			
502	12/13/2018	Antoine Niare	Grave	88730	9703	15			
503	12/13/2018	Antoine Niare	Grave	79730	9274	28			
505	12/13/2018	Antoine Niare	Grave	75725	9071	29			
508	12/13/2018	Antoine Niare	Grave	72759	8423	31			
512	12/13/2018	Antoine Niare	Grave	77272	9302	26			
514	12/13/2018	Antoine Niare	Grave	75891	9251	25			
519	12/13/2018	Antoine Niare	Grave	80368	9379	24			
520	12/13/2018	Antoine Niare	Grave	79053	9387	35			
521	12/13/2018	Antoine Niare	Grave	69657	8141	30			
527	12/13/2018	Antoine Niare	Grave	11437	5169	12			
531	12/13/2018	Antoine Niare	Grave	86637	8555	36			
402	12/13/2018	Carmen Jernigan	Grave	71653		6			
403	12/13/2018	Carmen Jernigan	Grave	71655		7			
405	12/13/2018	Carmen Jernigan	Grave	73375		14			
409	12/13/2018	Carmen Jernigan	Grave	72906		9			
410	12/13/2018	Carmen Jernigan	Grave	72148		6			

- **Admin**

- Allows for management of Users, Vehicles and Routes
 - Users can be assigned Roles for access to any combination of the listed Functions
 - Can store information including Name, Address, Badge Info, and more.
 - Password assignment and reset occurs here
 - Vehicles can be assigned Vehicle Types and assigned License Plate Number and VIN
 - Vehicle Groups can be created and edited for reporting purposes
 - Routes can be assigned Route Types and mileage From and To Route Destination
 - Route Groups can be created and edited for reporting purposes

The screenshot displays the 'Route Manager' application interface. At the top, the header includes the 'ABM Building Value' logo, the title 'Route Manager', a 'Dashboard' link with a home icon, and a user profile for 'Mike Swisher' with a 'Log Out' button. Below the header, there are three tabs: 'Users', 'Vehicles', and 'Routes'. The 'Users' tab is active, showing a 'Select User' dropdown menu with 'Mike Swisher' selected, and 'Delete' and 'New' buttons. Below this, there are 'Apply' and 'Cancel' buttons. The main form area contains fields for 'Firstname' (Mike), 'Lastname' (Swisher), and 'Email' (mike@swishersolutions.com), with a 'Set Password' button. A 'Roles' section on the left lists several roles with checkboxes: 'Driver Sheet (Data Entry)', 'Manager (View Reports)', 'Comments (Manage Feedback)', 'Fluids (CNG, Oil, etc.)', 'Accidents (Document Accidents)', and 'Admin (Advanced Functions)'. The right side of the form contains fields for 'Address' (123), 'City' (Aurora), 'State' (Colorado), 'ZIP' (80013), 'Phone' ((303) 669-4118), 'Driver's License No.' (123-4567), 'Expiration' (10/30/2020), 'Position' (Admin), 'DOT Exp' (11/06/2018), 'Badge #' (123434), 'Exp' (11/06/2018), 'Color' (blue), 'Hired' (11/06/2018), 'Seniority' (11/06/2018), and 'DOB' (11/06/2018).

Features

- Centralized Data Management
- Intuitive and easy to use interface
- Powerful Reporting
- Efficient and time-saving Data Entry
- Web-Based, providing accessibility to the full code (no compiled executable) and ease of maintenance and upgrade