Eric Gerardi

Internship

Operations

Serving *Wicomico, Worcester and Somerset* counties of the Eastern Shore of Maryland.
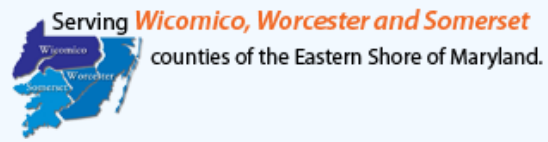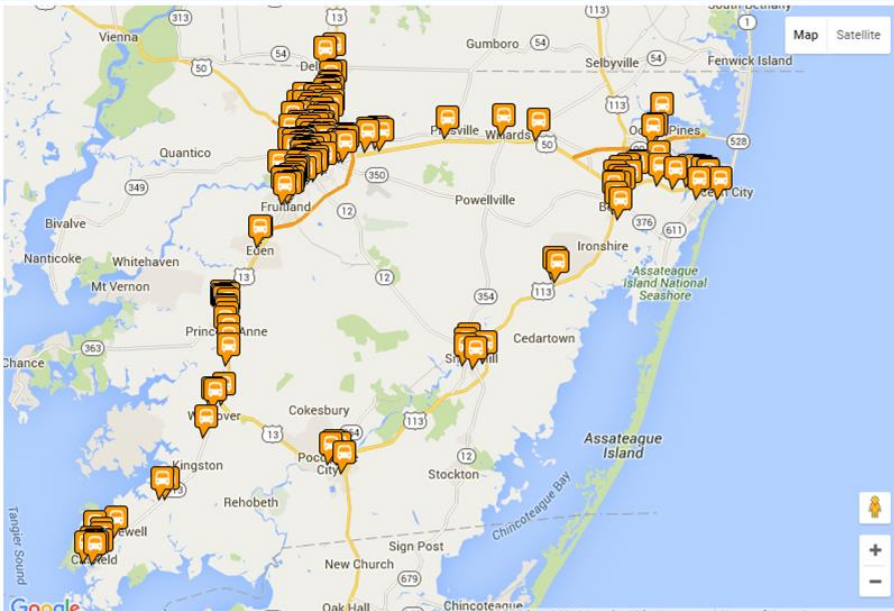
Downtown Salisbury Trolley

Road Supervisors

Requirements Analysis

- Problem

- Solution

- Requirements

Driver Information Directory

Shift and Route Information Directory

24-hour clock

Shift Information

Update Information & Make Schedules

Route_Shift	Start	End	Shift_Length (Hr:Min)	Shift_Length (Decimal)	DaysRuns (SSMTWTF)	Route_Name	Shift_Start	Shift_Break (Start)	Shift_Break (End)	Driver Hours	Shift vs Driver Time
250_1	3:20	11:18	6:58	6.97	SXMTWTF	Salisbury, Princess Anne & Pocomoke	3:50	7:28	8:28	7:58	7:58
250_2	4:10	12:23	7:13	7.22	SXMTWTF	Salisbury, Princess Anne & Pocomoke	4:40	8:28	9:28	8:13	8:13
250_3	9:45	18:23	7:38	7.63	SXMTWTF	Salisbury, Princess Anne & Pocomoke	10:15	14:18	15:18	8:38	8:38
320_1	5:25	15:11	8:46	8.77	XXMTWTF	Salisbury & Ocean City	5:55	9:41	10:41	9:46	9:46
320_2	6:25	16:11	8:46	8.77	SXMTWTF	Salisbury & Ocean City	6:55	10:41	11:41	9:46	9:46
350_1	4:10	14:55	9:45	9.75	XXMTWTF	Ocean City & Pocomoke	4:40	10:25	11:25	10:45	10:45
350_2	5:10	15:55	9:45	9.75	SXMTWTF	Salisbury, Princess Anne & Pocomoke	5:40	11:25	12:25	10:45	10:45
386_1	4:45	14:14	8:29	8.48	SSMTWTF	Salisbury & Delmar	5:15	7:43	8:43	9:29	9:29
386_2	5:45	15:30	8:45	8.75	SSMTWTF	Salisbury & Delmar	6:15	8:48	9:48	9:45	9:45
386_3	6:45	9:50	3:05	3.08	SSMTWTF	Salisbury & Delmar	7:15	--NA--	--NA--	3:05	#VALUE!
425_1	4:00	13:17	8:17	8.28	SSMTWTF	Princess Anne & Crisfield	4:30	7:55	8:55	9:17	9:17
425_2	5:00	14:38	8:38	8.63	SSMTWTF	Princess Anne & Crisfield	5:30	9:05	10:05	9:38	9:38
425_3	6:00	9:55	3:55	3.92	SSMTWTF	Princess Anne & Crisfield	6:30	--NA--	--NA--	3:55	#VALUE!
450_1	4:30	13:52	8:22	8.37	XXMTWTF	South Salisbury	5:00	9:22	10:22	9:22	9:22
250_1	5:00	12:56	6:56	6.93	SSMTWTF	Salisbury, Princess Anne & Pocomoke	5:30	9:56	10:56	7:56	7:56
250_2	8:57	16:57	7:00	7.00	SSMTWTF	Salisbury, Princess Anne & Pocomoke	9:27	11:52	12:52	8:00	8:00
250_3	9:50	17:59	7:09	7.15	SSMTWTF	Salisbury, Princess Anne & Pocomoke	10:20	13:54	14:54	8:09	8:09
320_1	16:35	22:28	5:53	5.88	SXMTWTF	Salisbury & Ocean City	17:05	19:28	--NA--	5:53	#VALUE!
320_2	15:25	23:20	6:55	6.92	SXMTWTF	Salisbury & Ocean City	15:55	19:41	20:41	7:55	7:55
350_1	16:25	21:11	4:46	4.77	SXMTWTF	Ocean City & Pocomoke	16:55	--NA--	--NA--	4:46	#VALUE!
350_2	13:10	20:30	6:50	6.83	SSMTWTF	Salisbury, Princess Anne & Pocomoke	13:40	16:25	16:55	7:20	7:20
386_1	15:10	22:30	6:50	6.83	SSMTWTF	Salisbury & Delmar	15:40	18:25	18:55	7:20	7:20
386_2	17:45	0:40	6:25	6.42	SSMTWTF	Salisbury & Delmar	18:15	21:00	21:30	6:55	6:55
386_3	13:40	23:00	8:20	8.33	SSMTWTF	Salisbury & Delmar	14:10	19:00	20:00	9:20	9:20

Week1 | Sheet1 | Week2 | Week3 | Hours_Scheduled | Driver_Information | Preferred_Driver_List | Shift_Info | Print_Email | test | ⊕

Schedule Interface

Hours Scheduled Tally

Driver Name	Hours Scheduled			Driver Information			
	Week1	Week2	Week3	Committed Hours	Phone Number	Phone Number	Email Address
Don Draper	30	30	28	40	Phone ###	N/A	
Peggy Olsen	35	35	24	20	Phone ###	N/A	
Pete Campbell	8	32	32	40	Phone ###	N/A	
Roger Sterling	0	32	0	40	Phone ###	N/A	
Joan Holloway	3	0	0	40	Phone ###	N/A	
Betty Draper	0	21	22	25	Phone ###	N/A	
Megan Draper	7	7	7	40	Phone ###	N/A	
Ken Cosgrove	35	0	0	40	Phone ###	Phone ###	
Lane Pryce	14	14	14	40	Phone ###	N/A	
Harry Crane	25	22	23	20	Phone ###	N/A	
Stan Rizzo	35	0	21	40	Phone ###	Phone ###	
Sally Draper	15	15	15	30	Phone ###	N/A	
Ted Chaough	25	25	24	40	Phone ###	N/A	
Michael Ginsberg	17	16	17	40	Phone ###	Phone ###	

Week1 Sheet1 Week2 Week3 Hours_Scheduled Preferred_Driver_List Shift_Info Print_Email LegalHourBreakDownYesNo LegalHourShiftBreakDown test SheetNumberToColLetter
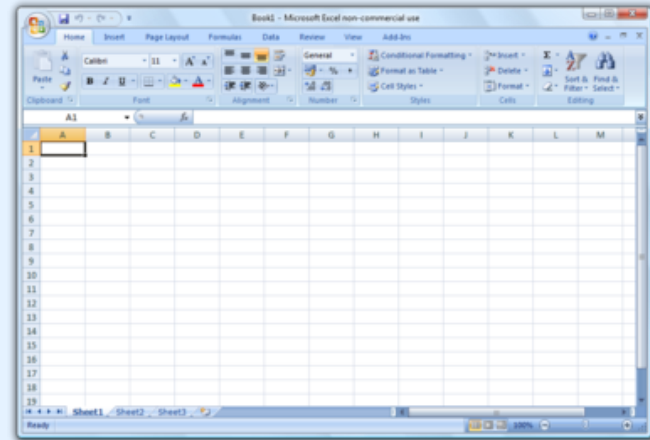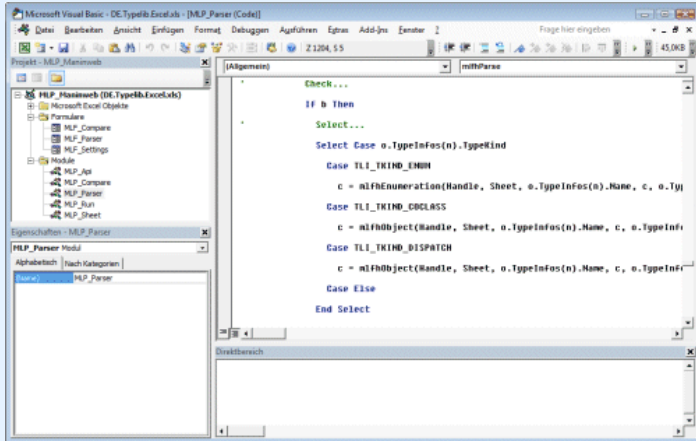
Revision History

Sheet Name	Cell	New Value	Old Value	User Name	Domain	Computer	Date & Time
Week1	L30	Ken Cosgrove	Megan Draper	egerardi1	Salisbury.edu	HS101	10/20/2015 15:09
Week2	I28	Roger Sterling	Stan Rizzo	egerardi1	Salisbury.edu	HS101	10/20/2015 15:10
Week1	N9	Joan Holloway	Harry Crane	egerardi1	Salisbury.edu	HS101	10/20/2015 15:10
Week1	L25	Harry Crane	Joan Holloway	egerardi1	Salisbury.edu	HS101	10/20/2015 15:10
Week1	P25	Pete Campbell	Betty Draper	egerardi1	Salisbury.edu	HS101	10/20/2015 15:10
Week1	P9	Peggy Olsen	Don Draper	egerardi1	Salisbury.edu	HS101	10/20/2015 15:10
Week1	L9	Sally Draper	Michael Ginsberg	egerardi1	Salisbury.edu	HS101	10/20/2015 15:11
Week2	N9	Ted Chaough	Lane Pryce	egerardi1	Salisbury.edu	HS101	10/20/2015 15:11
Week2	L24	Peggy Olsen	Sally Draper	egerardi1	Salisbury.edu	HS101	10/20/2015 15:12

Week1 Sheet1 Week2 Week3 Hours_Scheduled Driver_Information Preferred_Driver_List **Log** Shift_Info Print_Email test

Future

Challenges

Wrap Up

Shore Transit needed a scheduling application to improve organizational efficiency

I researched the requirements and created the software

Shore Transit eventually needs to have the maintenance, customer schedule, driver schedule, and live bus locations operations communicate with each other as a coherent system