Iteration 1

Project manager

Project dates   Jan 17, 2019 - Feb 13, 2019

Completion   0%

Tasks   10

Resources   6
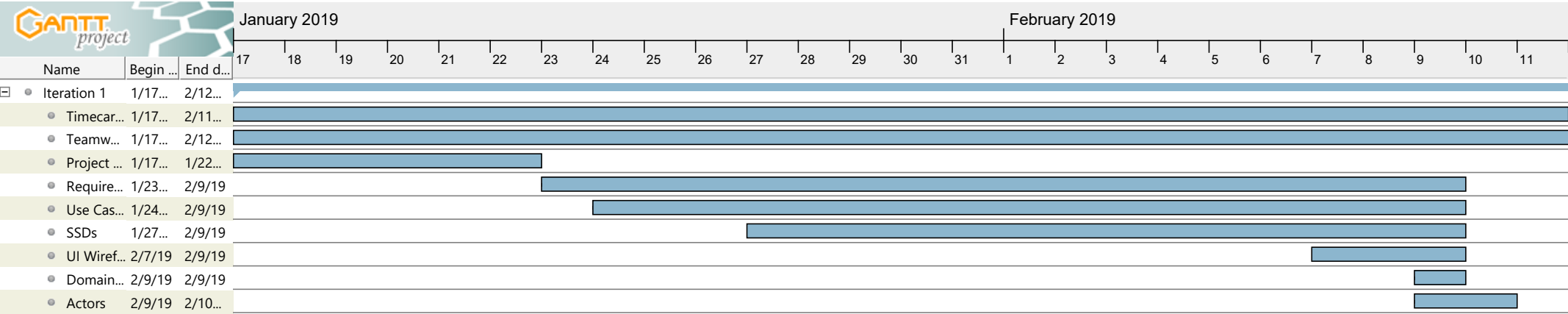
Tasks

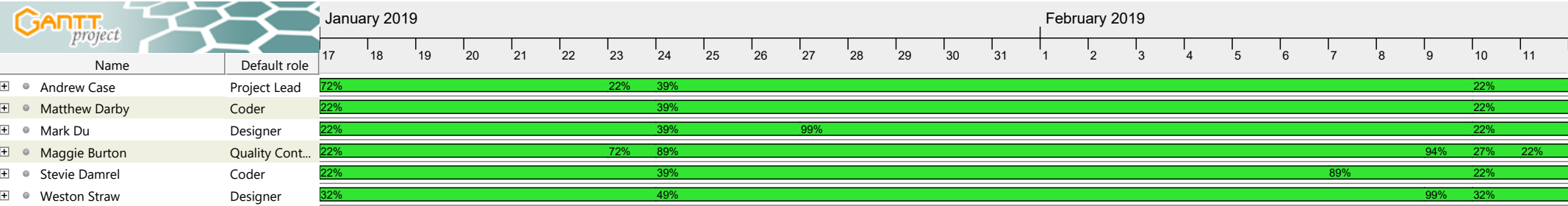| Name	Begin date	End date
Iteration 1	1/17/19	2/12/19
Timecards	1/17/19	2/11/19
Teamwork Plan	1/17/19	2/12/19
Project Vision	1/17/19	1/22/19
Requirements	1/23/19	2/9/19
Use Cases	1/24/19	2/9/19
SSDs	1/27/19	2/9/19
UI Wireframes	2/7/19	2/9/19
Domain Model	2/9/19	2/9/19
Actors	2/9/19	2/10/19

Resources

Name	Default role
Andrew Case	Project Lead
Matthew Darby	Coder
Mark Du	Designer
Maggie Burton	Quality Control
Stevie Damrel	Coder
Weston Straw	Designer

Gantt Chart

Name	Begin ...	End d...	January 2019															February 2019										
			17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11
Iteration 1	1/17...	2/12...																										
Timecar...	1/17...	2/11...																										
Teamw...	1/17...	2/12...																										
Project ...	1/17...	1/22...																										
Require...	1/23...	2/9/19																										
Use Cas...	1/24...	2/9/19																										
SSDs	1/27...	2/9/19																										
UI Wiref...	2/7/19	2/9/19																										
Domain...	2/9/19	2/9/19																										
Actors	2/9/19	2/10...																										

Resources Chart

Name	Default role	January 2019														February 2019										
		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11
Andrew Case	Project Lead	72%						22%	39%																	22%	
Matthew Darby	Coder	22%							39%																	22%	
Mark Du	Designer	22%							39%		99%															22%	
Maggie Burton	Quality Cont...	22%						72%	89%																94%	27%	22%
Stevie Damrel	Coder	22%							39%														89%			22%	
Weston Straw	Designer	32%							49%																99%	32%	

C.A.R. Traceability Matrix

Req ID	No of Use Cases per Req	Registration	Login	View Catalog	Search Car	Sort Car	"Need Help?"	Select Car	Cancel Reservation	Payment	Bill for damages	Book	Buy Insurance	Personal Insurance	Pickup	Return	Buy	Turnover	Payroll	Maintain Info	Manage personel
		1	1	2	1	1	1	1	1	2	2	2	2	2	1	1	1	2	3	3	4
REQ 1.1	2	x	x																		
REQ 1.2	3			x	x	x															
REQ 1.3	1							x				x									
REQ 1.4	2									x	x										
REQ 1.5	1								x												
REQ 1.6	0														x	x					
REQ 1.7	1						x														
REQ 2.1	2			x																x	
REQ 2.2	2									x	x										
REQ 2.3	1																				x
REQ 2.4	1																		x		
REQ 2.5	1																				x
REQ 3.1	1														x						
REQ 3.2	2															x	x				
REQ 3.3	2										x						x				
REQ 3.4	1																	x			
REQ 3.5	5							x		x		x			x	x					
REQ 3.6	1						x														
REQ 3.7	3																		x	x	x
REQ 4.1	3																		x	x	x

Scope: C.A.R.

Actors:

- **Company:** rental car agency

- **Customer:** one who wishes to obtain service from company

- **Sales Representative:** Operates front desk, logs all in-person interaction, handles sales and walk in rentals, customer service

- **System Administrator:** Maintains catalog, handles all updates to system, manages secondary billing processes

- **Subcontractors:** Drive shuttle busses, wash, inspect and repark cars

System: C.A.R.
Requirements List

REQ 1.1: CREATE AND LOGIN
Customer must be able to create and log into account in system.
REQ 1.2: CATALOG
Customer must be able to view car catalog. The customer must be able to search for cars within the catalog and view any specific car.
REQ 1.3: RENT
Customer must be able to request rental car. This car must then be reserved for the customer on the dates of their choosing and at the specified location at that time.
REQ 1.4: PAYMENT
Customer must be able to pay for rental through payment system.
REQ 1.5: CANCELLATION
Customer must be able to cancel reservation. Customer should receive reimbursement for canceled service.
REQ 1.6: INSURANCE
Customer must be able to obtain insurance for rental.
REQ 1.7: ASSISTANCE
Customer must be able to submit questions or requests for assistance through email.
REQ 2.1: UPDATE CATALOG
System administrator must be able to update catalog. This includes adding and deleting cars and editing car specs.
REQ 2.2: BILLING
System administrator must be able to manage billing. This includes payment for rental cars, and additional fees and payment for damages to car. This also includes any reimbursement customers receive.
REQ 2.3: PERSONNEL
System administrator must be able to manage personnel – representatives, subcontractors and system administrator(s) – and customers stored in database.
REQ 2.4: PAYROLL
System administrator must be able to manage payroll for all employees of the company.
REQ 2.5: SUBCONTRACTING
System administrator must be able to manage subcontractors and subcontracting companies.
REQ 3.1: PICKUP
Representative must be able to log rental pickup when customer obtains car.
REQ 3.2: RETURN
Representative must be able to log rental return. This begins the turnover process.
REQ 3.3: INSPECTION
Representative must be able to log inspection results.
REQ 3.4: SALE
Representative must be able to conduct sale of car.
REQ 3.5: WALK-IN
Representative must be able to handle walk-in rental request. This includes booking a request, and entering license and insurance into the system.

REQ 3.6: CUSTOMER ASSISTANCE

Representative must be able to answer "Need Help?" emails. This includes viewing the email and responding as a customer service representative.

REQ 3.7: REPRESENTATIVE HOURS

Representative must be able to clock in/out to record hours worked. This is used in the payroll process.

REQ 4.1: SUBCONTRACTOR HOURS

Subcontractors must be able to clock in/out to record hours worked. This data is sent to the subcontracted company.