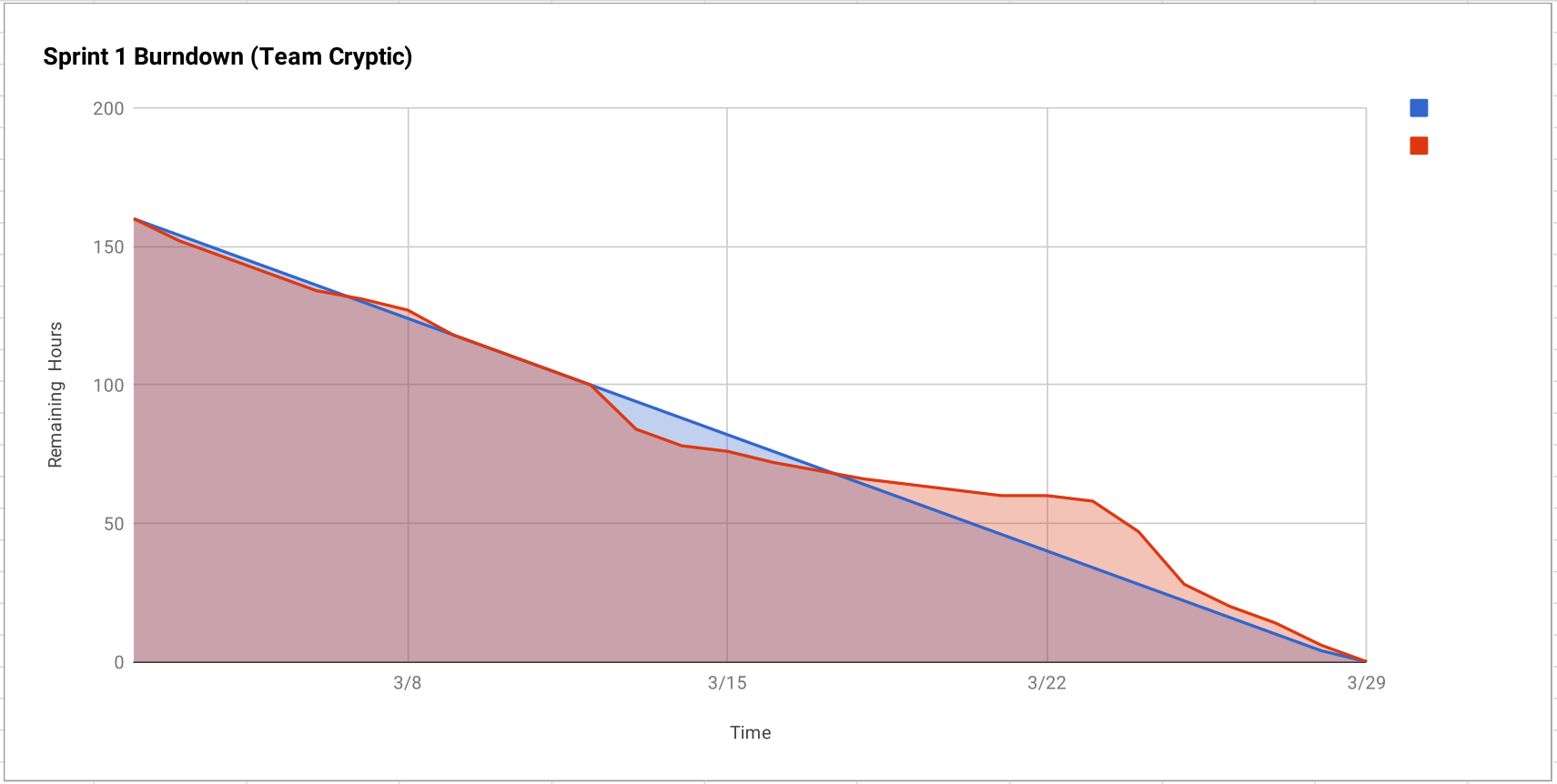
Sprint 1 (3/2 - 3/29)

Backlog Item	Task	Task Owner	Initial Estimate (Total Sprint Hours = 40 x 4)	Week #1 (10 hrs / week)							Week #2 (10 hrs / week)							Week #3 (10 hrs / week)							Week #4 (10 hrs / week)							
				D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	
				3/2	3/3	3/4	3/5	3/6	3/7	3/8	3/9	3/10	3/11	3/12	3/13	3/14	3/15	3/16	3/17	3/18	3/19	3/20	3/21	3/22	3/23	3/24	3/25	3/26	3/27	3/28	3/29	
				160	154	148	142	136	130	124	118	112	106	100	94	88	82	76	70	64	58	52	46	40	34	28	22	16	10	4	0	Ideal Burndown
			160	160	152	146	140	134	131	127	118	112	106	100	84	78	76	72	69	66	64	62	60	60	58	47	28	20	14	6	0	Remaining Hrs (Total)
High Level System Design and Architecture Planning	Database design implementation and design of business logic	Team	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design Architecture Diagram and UI wireframes	Kartik	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Cloud Deployment Architecture design	Siddhant	4	4	4	4	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Enable all users to register for the rental service and log in.	Design User Interface for Login Page	Samik	14	14	14	14	14	14	14	14	14	14	12	10	10	9	9	8	8	8	8	8	8	8	8	4	0	0	0	0	0	
	Design User Interface for SignUp Page	Samik	14	14	14	12	10	8	7	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design backend API for Login Page	Kaustubh	16	16	16	16	16	16	16	16	16	16	16	16	16	15	15	14	12	10	10	10	10	10	10	8	4	0	0	0	0	
	Design backend API for SignUp Page	Kaustubh	16	16	16	14	12	10	10	8	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Integrate Login User Interface with Login API	Samik	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	6	2	0		
	Integrate SignUp User Interface with SignUp API	Kaustubh	6	6	6	6	6	6	6	6	6	6	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Enable admin users to create/update/delete vehicles, locations.	Design User Interface for Admin Dashboard	Siddhant	14	14	14	14	14	14	14	14	13	12	11	10	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design User Interface for Vehicles & Locations Page	Siddhant	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	7	2	0	0	0	0	
	Design backend API for Vehicles & Locations API	Kartik	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	10	4	2	0	0	0	
	Design backend API for Admin Dashboard	Kartik	14	14	14	14	14	14	14	13	13	12	11	10	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Integrate UI and API for Admin Dashboard	Kartik	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	6	4	2	0	0	0	0	0	0	0	0	0	
	Integrate UI and API for Vehicles & Locations	Siddhant	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	4	0	

Team:

Kartik	10 hours / Week
Kaustubh	10 hours / Week
Samik	10 hours / Week
Siddhant	10 hours / Week
Total Available Hours During Sprint:	**160**


Sprint 1 Burndown (Team Cryptic)
200
150
100
50
0
Remaining Hours
3/8
3/15
3/22
3/29
Time

Sprint2(4/1-4/28)				Week #1 (10 hrs / week)							Week #2 (10 hrs / week)							Week #3 (10 hrs / week)							Week #4 (10 hrs / week)							
Backlog Item	**Task**	**Task Owner**	**Initial Estimate (Total Sprint Hours = 40 x 4)**	*D1*	*D2*	*D3*	*D4*	*D5*	*D6*	*D7*	*D8*	*D9*	*D10*	*D11*	*D12*	*D13*	*D14*	*D15*	*D16*	*D17*	*D18*	*D19*	*D20*	*D21*	*D22*	*D23*	*D24*	*D25*	*D26*	*D27*	*D28*	
				4/1	*4/2*	*4/3*	*4/4*	*4/5*	*4/6*	*4/7*	*4/8*	*4/9*	*4/10*	*4/11*	*4/12*	*4/13*	*4/14*	*4/15*	*4/16*	*4/17*	*4/18*	*4/19*	*4/20*	*4/21*	*4/22*	*4/23*	*4/24*	*4/25*	*4/26*	*4/27*	*4/28*	
				160	**154**	**148**	**142**	**136**	**130**	**124**	**118**	**112**	**106**	**100**	**94**	**88**	**82**	**76**	**70**	**64**	**58**	**52**	**46**	**40**	**34**	**28**	**22**	**16**	**10**	**4**	**0**	Ideal Burndown
			160	**160**	**154**	**148**	**140**	**136**	**128**	**127**	**121**	**106**	**102**	**93**	**93**	**88**	**83**	**77**	**73**	**66**	**62**	**57**	**50**	**45**	**34**	**31**	**22**	**20**	**12**	**6**	**0**	Remaining Hrs (Total)
Enable all users to search for a car based on his rental location preference	Design of User Interface for searching car	Kartik	10	10	8	6	5	5	5	5	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design of backend API for searching car	Kartik	10	10	10	10	9	8	8	8	6	6	6	6	6	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Display alternative locations with available vehicles	Kartik	10	10	10	10	10	10	10	10	10	5	5	5	5	4	4	4	4	4	3	0	0	0	0	0	0	0	0	0	0	
Enable all users to book a car and make payments	Design User Interface for Vehicle Reservations	Samik	10	10	8	6	5	5	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design backend API for Vehicle Reservations	Samik	20	20	20	20	18	16	12	12	10	10	9	6	6	4	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design User Interface for Vehicle Reservation history	Kaustubh	10	10	10	10	9	8	8	8	8	4	4	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Design API for Vehicle Reservation history	Kaustubh	20	20	18	16	14	14	10	10	8	8	6	6	6	6	6	6	6	2	0	0	0	0	0	0	0	0	0	0	0	
	Integrate UI with API	Samik, Kaustubh	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5	5	0	0	0	0	0	0	0	
	Design API for Fee calculation and Payments	Samik, Kaustubh	10	10	10	10	10	10	10	10	10	10	10	10	10	8	7	6	6	4	4	2	2	2	0	0	0	0	0	0	0	
Enable admin to do user management	Design User Interface for User Management Dashboard	Kartik	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	1	0	0	0	0	0	0	0	0	
	Design backend API for User Management Dashboard	Kartik	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	0	0	0	0	0	0	0	0	
	Integrate User Management UI and API	Kartik	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	
Project Deployment and System Integration	Dockerize backend webservice	Siddhant	10	10	10	10	10	10	10	9	9	9	9	9	9	9	9	9	8	8	8	8	8	8	6	4	0	0	0	0	0	
	Build frontend files and containerize	Siddhant	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	9	4	2	0	0	0	
	Deploy on auto-scaling EC2 cluster	Siddhant	10	10	10	10	10	10	10	10	10	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	4	0	0	
	Implement Load Balancer	Siddhant	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	8	6	0	

Team:	
Kartik	10 hours / Week
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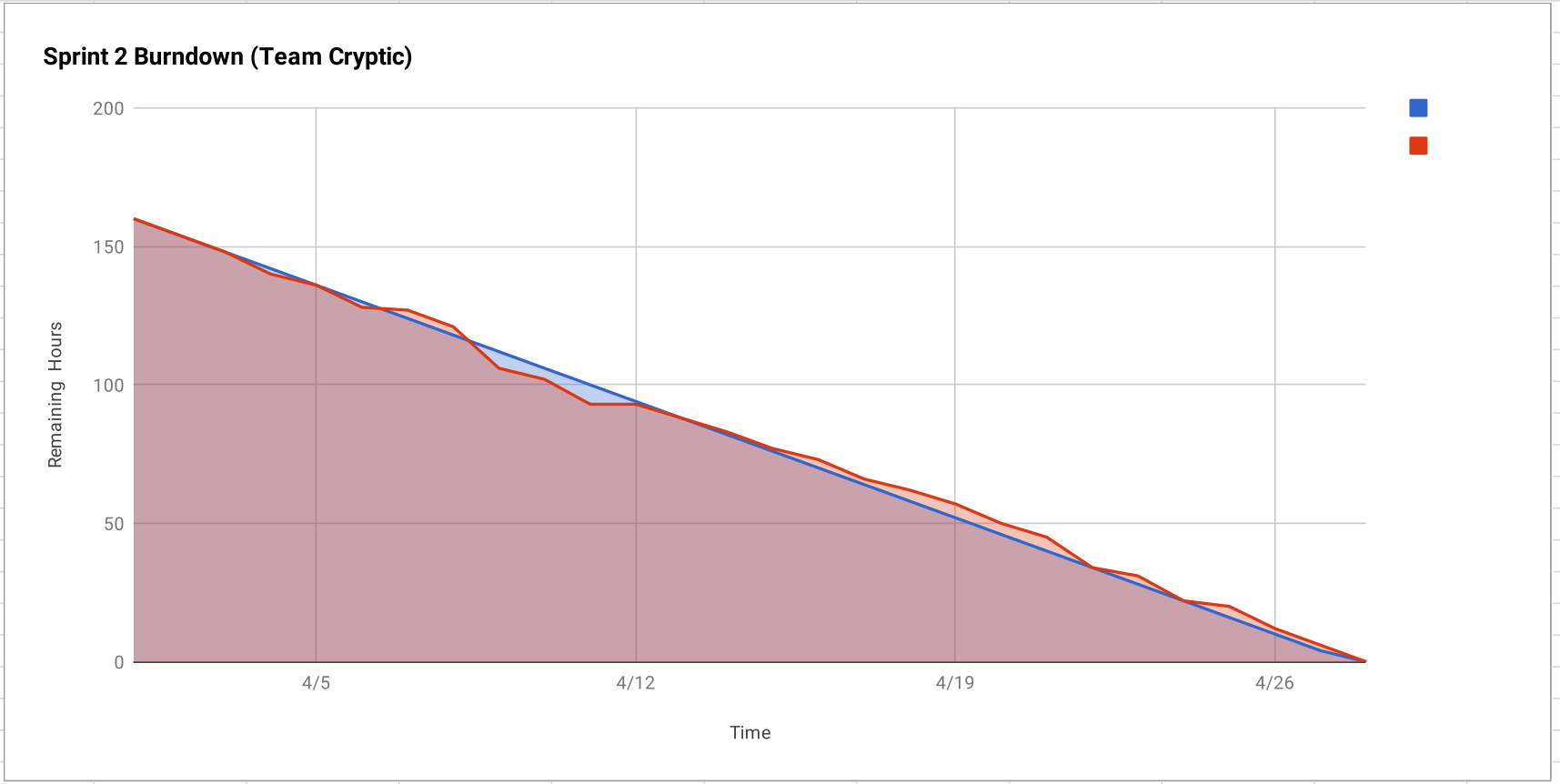
Total Available Hours During Sprint:	**160**


Sprint 2 Burndown (Team Cryptic)
200
150
100
50
0
Remaining Hours
4/5
4/12
4/19
4/26
Time