,	in Sprint 2 durite Grider (Oth Oct 10th Oct)										0.11.000			N 1 2225
	Task name	Category	Assigned	Start date	End date	Duration	Predecessors	Depende	ency ID Dependency	Type 05 06 07 08 09 10 11 12	October 2025 2 13 14 15 16 17 18 19 20	21 22 23 24 25 26 27 28	29 30 31 01 02 03 04	November 2025 05 06 07 08 09 10 11 12
				06/10/2025	13/10/2025	180h				Today				
1	☐ (Sprint 1 Continued) Manage GitHub pushes, merges and commits	Development	/	06/10/2025	08/10/2025	48h					GitHub pushes, merges and commit	s 06/10/2025 - 08/10/2025		
1.1	Verify branch strategy and PR workflow	Development	K Karan			9h				V R				
1.2	Review & resolve PR conflicts / CI checks	Development	K Karan		08/10/2025	9h	1.1FS	1.1	FS	RK				
2	☐ (Sprint 1 Continued) Research academic papers Part 1 (data evaluation)	Research			08/10/2025	7	1SS	1	SS	(Sprint 1 Continued) Resear	rch academic papers Part 1 (data eva	iuation) + 06/10/2025 - 08/10/2025		
2.1	Search & shortlist papers on accuracy/validation	Research	P Priyanka		07/10/2025	33h				Sea				
2.2	Synthesize findings & extract key metrics	Documentation	Priyanka					2.1	FS	Syn P		0, 0, 0, 10, 10, 10, 10, 10, 10, 10, 10,	voor.	9,
3	☐ (Sprint 1 Continued) Research academic papers Part 2 (Al-driven evaluatio	Research			09/10/2025	48h	2FS	2	FS	(Sprint 1 Continued) R	Research academic papers Part 2 (Al-	driven evaluation) + 07/10/2025 - 09/10	//2025	
3.1	Review ML-based evaluation techniques	Research	K Karan		08/10/2025	9h				RK				
3.2	Compare AI vs traditional evaluation approaches	Documentation	K Karan		09/10/2025		3.1FS	3.1	FS	Co K	pershing (OSM vs Manhay) 106/10/20	25 00/10/2025		
4	□ Evaluate APIs for routing/searching (OSM vs Mapbox)	Development			09/10/2025	72h	1FS	1	FS	Evaluate APIs for routing/se	earching (OSM vs Mapbox) + 06/10/20	25 - 09/10/2025		
4.1	Benchmark OSM, Mapbox, Google (features/performance)	Research	K Karan		07/10/2025	33h			X	Ben				
4.2	Assess cost & integration effort; recommend API	Analysis	K Karan		09/10/2025		4.1FS	4.1	FS	Assess c K	data cleaning and preprocessing 1 08	0/10/2025 10/10/2025		
5	Develop plan for data cleaning and preprocessing	Development		/	10/10/2025	48h	4FS	4	FS	Develop bian for t	data cleaning and preprocessing 100	10/2023 - 10/10/2023		
5.1	Define cleaning fields, rules, and edge cases	Development	H Hina		09/10/2025	9h	F 4 F C		FC	Drof				
5.2	Draft step-by-step preprocessing workflow	Documentation	H Hina		10/10/2025 08/10/2025		5.1FS	5	FS	Create survey for pedestria	ans/cyclists + 06/10/2025 - 08/10/2025			
4 1	☐ Create survey for pedestrians/cyclists Draft safety perception & routing questions	Research Research	H Huda	06/10/2025		48h					unorejeneje + 00/15/2020 - 00/15/2020	The state of the s		
6.2	Pilot, refine, and finalize survey	Testing	Huda		08/10/2025	711 22h	6.1FS	6.1	FS	Pilo				
7	☐ Clean and organize GitHub repository	Development	Tidda		11/10/2025	57h	0.	1	FS	Clean and orga	anize GitHub repository 09/10/2025	- 11/10/2025		42. 3
7.1	Remove redundant branches & restructure	Maintenance	H Hina		10/10/2025	33h		-	13	Re				
7.1	Standardize folders & update README	Documentation	H Hina				7.1FS	7	FS	Sta	H			
8	☐ Create & schedule retrospective document	Management	Filla		12/10/2025	153h	~	`\			ctive document 06/10/2025 - 12/10/20	025		
8.1	Design template & reflection prompts	Documentation	P Priyanka		07/10/2025	33h				Des P				
8.2	Schedule and assign reflections	Management		07/10/2025		129h	8.1FS	8.1	FS	Schedu e and assign re	P			
9	☐ Enhance prototypes (medium-fidelity improvements)	Design	,,		12/10/2025	105h		6	FS		es (medium-fidelity improvements) + 0	08/10/2025 - 12/10/2025		
9.1	Refine UI flow and interaction sequence	Design	H Huda	08/10/2025		57h				Refine U				
9.2	Add hazard visualization & route comparison	Development	H Huda	10/10/2025			9.1FS	9.1	FS	Add haz	Н			
9.3	Conduct competitive analysis and integrate insights into prototype	Design	H Huda				9.2SS	9.2	SS	Conduct com	н			
10	☐ Research environment setup (backend/frontend/tooling)	Development		06/10/2025	08/10/2025	57h		1	FS	Research environment setup	p (backend/frontend/tooling) + 06/10/2	2025 - 08/10/2025		
10.1	Configure backend (Flask/Django) and DB	Development	K Karan		07/10/2025	33h				Con				
10.2	Validate frontend toolchain & API keys	Development	K Karan	07/10/2025	08/10/2025	33h	10.1FS	10	FS	Vali				
11	☐ Create Gantt chart for the project	Management			10/10/2025	33h				Create Gantt cl	chart for the project 09/10/2025 - 10/2	10/2025		
11.1	Map tasks, durations, and dependencies	Management	s Shalini	09/10/2025	09/10/2025	9h	Son O			M s		0,		300
11.2	Review and finalize chart for upload	Management	s Shalini	10/10/2025	10/10/2025	9h	11.1FF	11.1	FF	RS				
12	☐ Review previous projects (UX & routing case studies)	Research		10/10/2025	12/10/2025	57h	2FS	2	FS	Review pro	revious projects (UX & routing case s	tudies) + 10/10/2025 - 12/10/2025		
12.1	Analyze case studies for performance insights	Research	P Priyanka	10/10/2025	11/10/2025	33h				Ana	P			
12.2	Summarize lessons for SafePath improvements	Analysis	P Priyanka	11/10/2025	12/10/2025	33h	12.1FS	12.1	FS	Su	P			
13	☐ Prepare weekly project presentation (Week 4)	Management		06/10/2025	09/10/2025	81h				Prepare weekly project prese	entation (Week 4) 06/10/2025 - 09/10	1/2025		
13.1	Compile slides for Sprint 2 deliverables	Management	s Shalini	06/10/2025	08/10/2025	57h	11FS	11	/ FS	Compile				
13.2	Final rehearsal & speaker order confirmation	Communication	s Shalini	09/10/2025	09/10/2025	9h	13.1FS	13.1	/ FS					
14	☐ Persona enhancement (refine based on survey data)	Design		09/10/2025	13/10/2025	105h	6FS	6 /	FS	Persona enhan	ncement (refine based on survey data	a)		
14.1	Integrate survey insights into persona attributes	Research	H Huda	09/10/2025	11/10/2025	57h				Integrate	<u>H</u>			
14.2	Update persona visuals and summaries	Design	H Huda	11/10/2025	13/10/2025	57h	14.1FF	14.1	FF	Update	е р	N. T.		
15	□ Update MOM logs for Week 4	Documentation	_	06/10/2025	13/10/2025	177h	855	8	SS	Update MOM logs for Week 4				
15.1	Summarize sprint discussions & decisions	Documentation	P Priyanka		12/10/2025	153h				Summarize sprint discussion	P	6. 3		
15.2	Upload finalized MOM documents to GitHub	Maintenance	Priyanka				15.1FF	15.1	FF	Flow Chart (Court Found	P r Route' Requirement 07/10/2025 - 08	0/10/0005		
16	☐ Flow Chart: 'Search For Route' Requirement	Design			08/10/2025	33h				Flow Chart: Search For	Route Requirement 107/10/2025 - 08	3/10/2025		
16.1	Draft Flow Chart	Design	P Priyanka		07/10/2025	9h	1/ 450	4/455						
16.2	Review & Finalize Technical Architecture Confirmation	Review	Priyanka		08/10/2025		16.1FS	16.1FS		Technical Architecture	Confirmation 07/10/2025 - 08/10/202			
17 17.1	Technical Architecture Confirmation Draft Architecture	Architecture Architecture	K Karan		08/10/2025 07/10/2025	33h 9h				n and a state of	37.29.2525 00/10/202			
17.1	Team Review & Sign-Off	Review	K Karan		08/10/2025		17.1FS	17.1	FS					
18	☐ Website Application Development and Kickoff	Development	Natali		08/10/2025	33h	±,,±1 ∪	±/.±	13	Website Application Dev	velopment and Kickoff 07/10/2025 -	08/10/2025		
18.1	Project Scaffolding & Repository Setup	Development	K Karan	/	07/10/2025	9h				PK				
18.2	Core Layout & Routing Skeleton	Development	K Karan		08/10/2025		18.1FS	18.1	FS	Cor				
18.3	Initial Feature Stub - Search for Route	Development	K Karan		08/10/2025		18.2FS	18.2	FS					
19	☐ Weekly Videos Link	Communication			08/10/2025	33h	10. /			Weekly Videos Link + 07	7/10/2025 - 08/10/2025			
19.1	Record 1-Minute Video 1	Communication	s Shalini		08/10/2025	33h	V			Recs				
19.2	Record 1-Minute Video 2	Communication	K Karan		08/10/2025	33h	Ps: 12			Rec				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
19.3	Record 1-Minute Video 3	Communication			08/10/2025	/33h	0, \			Rec P				
19.4	Record 1-Minute Video 4	Communication			08/10/2025	33h				Rec				
19.5	Record 1-Minute Video 5	Communication			08/10/2025	33h				Rec H				
20 /	□ Weekly Reflective Diary	Documentation			13/10/2025	129h				Weekly Reflective D	Diary 08/10/2025 - 13/10/2025			
20.1	Weekly Diary Compilation 1	Documentation	s Shalini		13/10/2025	129h				Weekly Diary Compile	ati			
20.2	Weekly Diary Compilation 2	Documentation	K Karan		13/10/2025	129h				We ekly Diary Compile				
20.3	Weekly Diary Compilation 3	Documentation	P Priyanka		13/10/2025	129h				We ekly Diary Compile	ati			
20.4	Weekly Diary Compilation 4	Documentation	H Huda		13/10/2025	129h				Weekly Diary Compile	ati			
20.5	Weekly Diary Compilation 5	Documentation	H Hina		13/10/2025	129h				We ekly Diary Compile	ati			
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