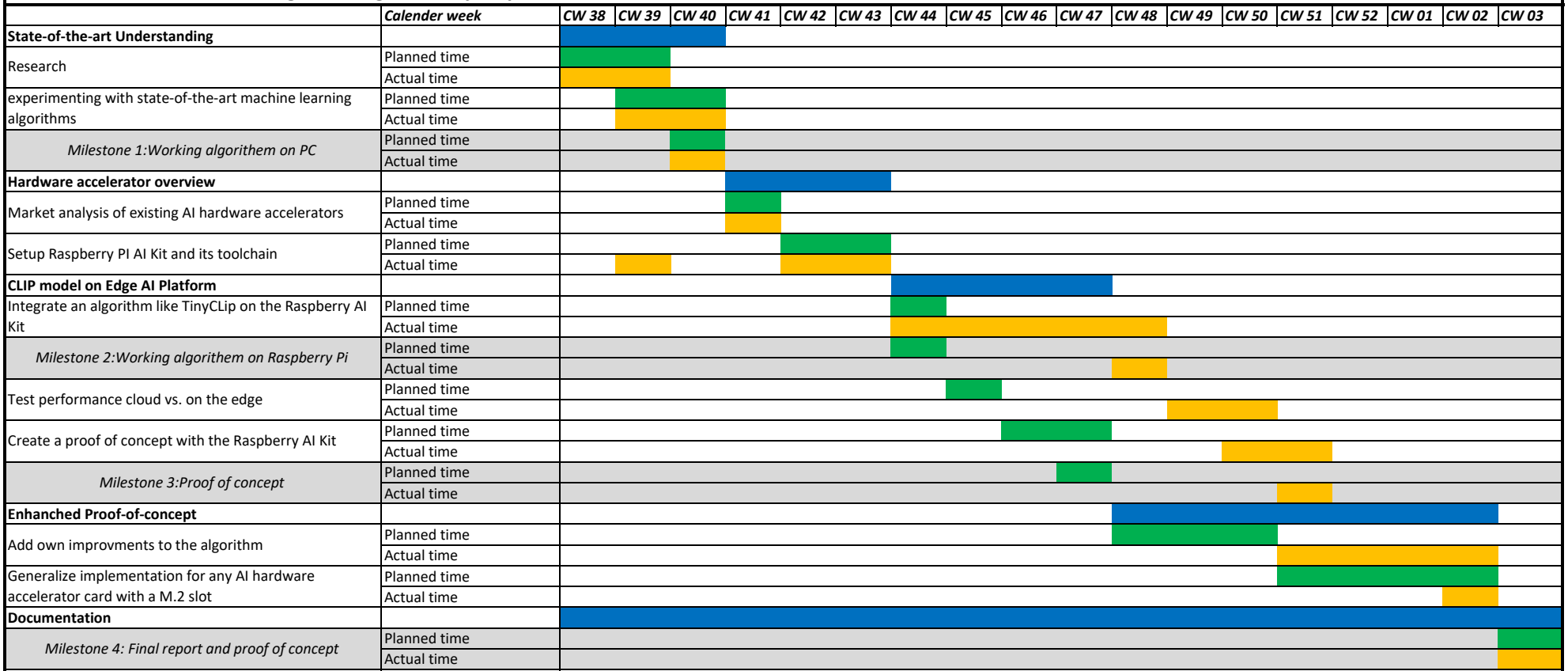
On-Site Scene Understanding with Edge AI: Project plan



	Calender week	CW 38	CW 39	CW 40	CW 41	CW 42	CW 43	CW 44	CW 45	CW 46	CW 47	CW 48	CW 49	CW 50	CW 51	CW 52	CW 01	CW 02	CW 03
State-of-the-art Understanding																			
Research	Planned time																		
	Actual time																		
experimenting with state-of-the-art machine learning algorithms	Planned time																		
	Actual time																		
Milestone 1:Working algorithem on PC	Planned time																		
	Actual time																		
Hardware accelerator overview																			
Market analysis of existing AI hardware accelerators	Planned time																		
	Actual time																		
Setup Raspberry PI AI Kit and its toolchain	Planned time																		
	Actual time																		
CLIP model on Edge AI Platform																			
Integrate an algorithm like TinyCLip on the Raspberry AI Kit	Planned time																		
	Actual time																		
Milestone 2:Working algorithem on Raspberry Pi	Planned time																		
	Actual time																		
Test performance cloud vs. on the edge	Planned time																		
	Actual time																		
Create a proof of concept with the Raspberry AI Kit	Planned time																		
	Actual time																		
Milestone 3:Proof of concept	Planned time																		
	Actual time																		
Enhanced Proof-of-concept																			
Add own improvments to the algorithm	Planned time																		
	Actual time																		
Generalize implementation for any AI hardware accelerator card with a M.2 slot	Planned time																		
	Actual time																		
Documentation																			
Milestone 4: Final report and proof of concept	Planned time																		
	Actual time																		
Hours worked		25.5	21.5	25	21.5	25.5	25	22	23	23.5	28.5	23	24.5	26.5	23.5	17	15	51.5	8
Color code	planned																	**Total**	430
	target																		
	actual																		