

IE303612 Bacheloroppgave	Project Avansert bildegjenkjenning: Digitalisere sjakkparti	Number of meeting this period - 2.	Firma - Oppdragsgiver Ålesund Schaklag	Side 1 av 1
Progress report	Period/week(s) 2			Dato 12.02.21

Main goal/purpose for this periods work	
<ul style="list-style-type: none"> - Implement feature to recognize a chessboard from a taken image. - Improve the chessboard recognition feature to detect multiple chessboards from a taken image. 	
Planned activities this period	
<ul style="list-style-type: none"> - Familiarize ourselves with opencv in python. - Research methods to implement current and future features. - Test and implement the features described in the main goal for this sprint. 	
Actually conducted activites this period	
<ul style="list-style-type: none"> - Familiarization of opencv in python and testing of planned features. - Research of Tensorflow and keras for CNN - Learning the YouOnlyLookOnce method for realtime classification of chess pieces. 	
Description of/ justification for potential deviation between planned and real activities	
<ul style="list-style-type: none"> - Some of the goals might not be completed due to limited familiarity with opencv and python. 	
Description of/ justification for changes that is desired in the projects content or in the further plan of action – or progress report	
<ul style="list-style-type: none"> - The planned method for detecting chessboards did not work as expected, and a new method might be used instead. 	
Main experience from this period	
<ul style="list-style-type: none"> - Better understanding of opencv in python. - Better understanding of Tenserfow and keras for CNN - Better understanding of the YouOnlyLookOnce method. 	
Main purpose/focus next period	
<ul style="list-style-type: none"> - Detection of different elements on the chessboard. 	
Planned activities next period	
<ul style="list-style-type: none"> - More research on methods chess piece detection - Distinguish the different tiles from another - Detection of chess pieces on the board. 	
Other	
Wish/need for counseling	
<ul style="list-style-type: none"> - Nothing in particular 	
Approval/signature group leader	Signature other group participants
N.N.	N.N.