

**Projektdirektiv**

Jeroen Hol

2006-12-08

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<b>Projektnamn</b>	<b>WALK CAM</b>
<b>Beställare</b>	Jeroen Hol (ISY – Reglerteknik)
<b>Projektledare</b>	Student
<b>Projektbeslut</b>	Hans Bohlin (Saab Aerotech) Jeroen Hol (ISY – Reglerteknik)
<b>Projektid</b>	Spring 2005 – projektpresentation 060523
<b>Rapportering</b>	Specification of requirements System outline Project plan including list of activities Time plan Test plan Test results Meeting minutes including status report Technical documentation Reflection Oral presentation Website
<b>Parter</b>	Kund: Hans Bohlin (Saab Aerotech) Beställare: Jeroen Hol (ISY – Reglerteknik) Examinator: Anders Hansson (ISY Reglerteknik) Projektgrupp: 6-8 students
<b>Projekts syfte</b>	The goal of the project is to design and implement a functional prototype of a camera based pedestrian positioning and navigation system.
<b>Projekts mål och effekt</b>	The project shall generate the following concrete results <ul style="list-style-type: none"><li>• A functional measurement unit</li><li>• A Matlab implementation of optical flow odometri algorithm including uncertainty estimation</li><li>• A performance evaluation</li><li>• A live demonstration</li><li>• A list with methods to improve performance and accuracy</li></ul>
<b>Bakgrund –</b>	Project presentation

**Dokumenthistorik**

<b>Version nr</b>	<b>Datum</b>	<b>Beskrivning</b>	<b>Sign</b>
<b>Version 0.1</b>	061207	First draft	JDH
<b>Version 0.2</b>	061208	Feedback from Hans Bohlin	JDH

Projektkursen namn: TSRT71

Dokumentansvarig: Jeroen Hol

Projektdirektiv.doc

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<b>samt referenser till andra projekt eller dokument</b>	<ul style="list-style-type: none"><li>• Pedestrian Navigation WALK CAM.ppt</li></ul>
<b>Delleveranser</b>	<ul style="list-style-type: none"><li>• Status report and time reports per item and per person once a week to the beställare.</li><li>• At BP2: System outline, project plan and time plan.</li><li>• At BP5: Delivery of functional prototype</li><li>• At BP6: Technical documentation, evaluation</li><li>• Documentation including<ul style="list-style-type: none"><li>- A complete description of the algorithm and its implementation</li><li>- A "User's Guide" for the measurement unit and algorithm</li></ul></li></ul>
<b>Projektdeltagare</b>	Capabilities: Matlab programming, image processing and digital signal processing. Roles in the project: Projektledare, dokumentansvarig, testansvarig, kundansvarig, designansvarig, implementationansvarig.
<b>Kontakter</b>	Beställare: Jeroen Hol (ISY - Reglerteknik) Handledare: Henrik Ohlsson (ISY - Reglerteknik) Employees of Saab Aerotech
<b>Införandebeslut</b>	Taken by beställare at BP2.
<b>Inköpsansvar</b>	All required hard will be provided by Saab Aerotech according to specification by the project group. Software: Matlab (limited to Saab and ISY licences)
<b>Driftansvar</b>	Saab Aerotech
<b>Kostnader</b>	20 hours of supervision by the handledare, supervision by Saab Aerotech
<b>Finansiering/ Kostnadsställe</b>	Saab Aerotech

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