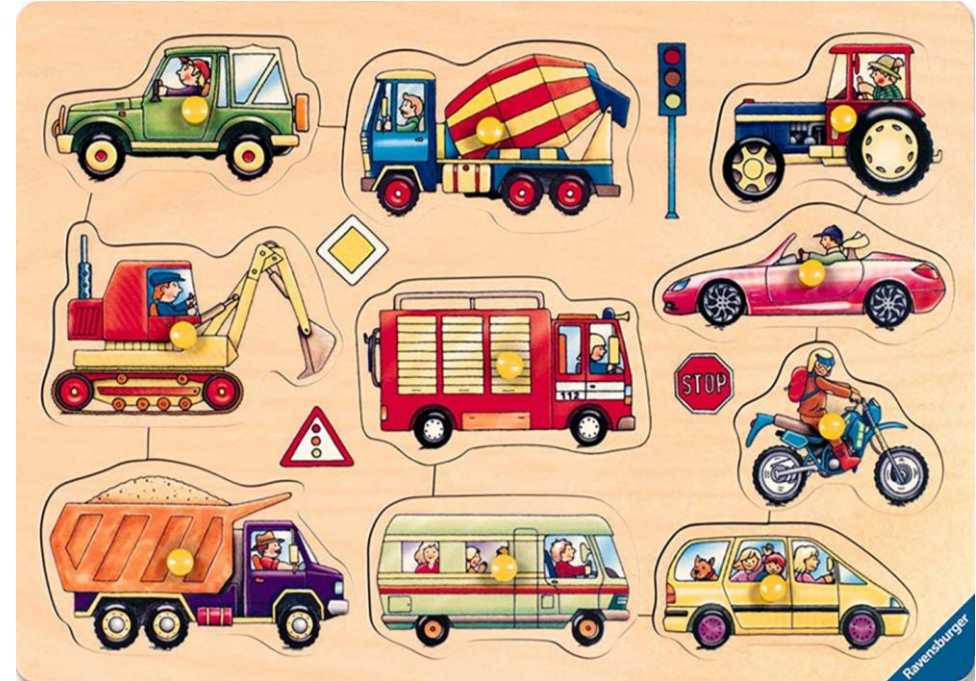


[1]



[2]

INITIAL PROJECT PRESENTATION

CAR PUZZLE SOLVING USING A KUKA ROBOT

Master IT-Engineering
 Robotics – Prof. Dr. Ulrich Hoffmann and Hermann Höhne
 Brüst, Jakob – Gömpel, Piet, - Röschmann, Niels – Tyagi Anurag
 2019-04-30

TABLE OF CONTENT

- Introduction
 - Goals
 - Current situation
- Structure
 - Project approach
 - Deliverables
 - Material and Costs
- Milestones
- Bibliography

GOALS



How to get the pieces to the correct place?

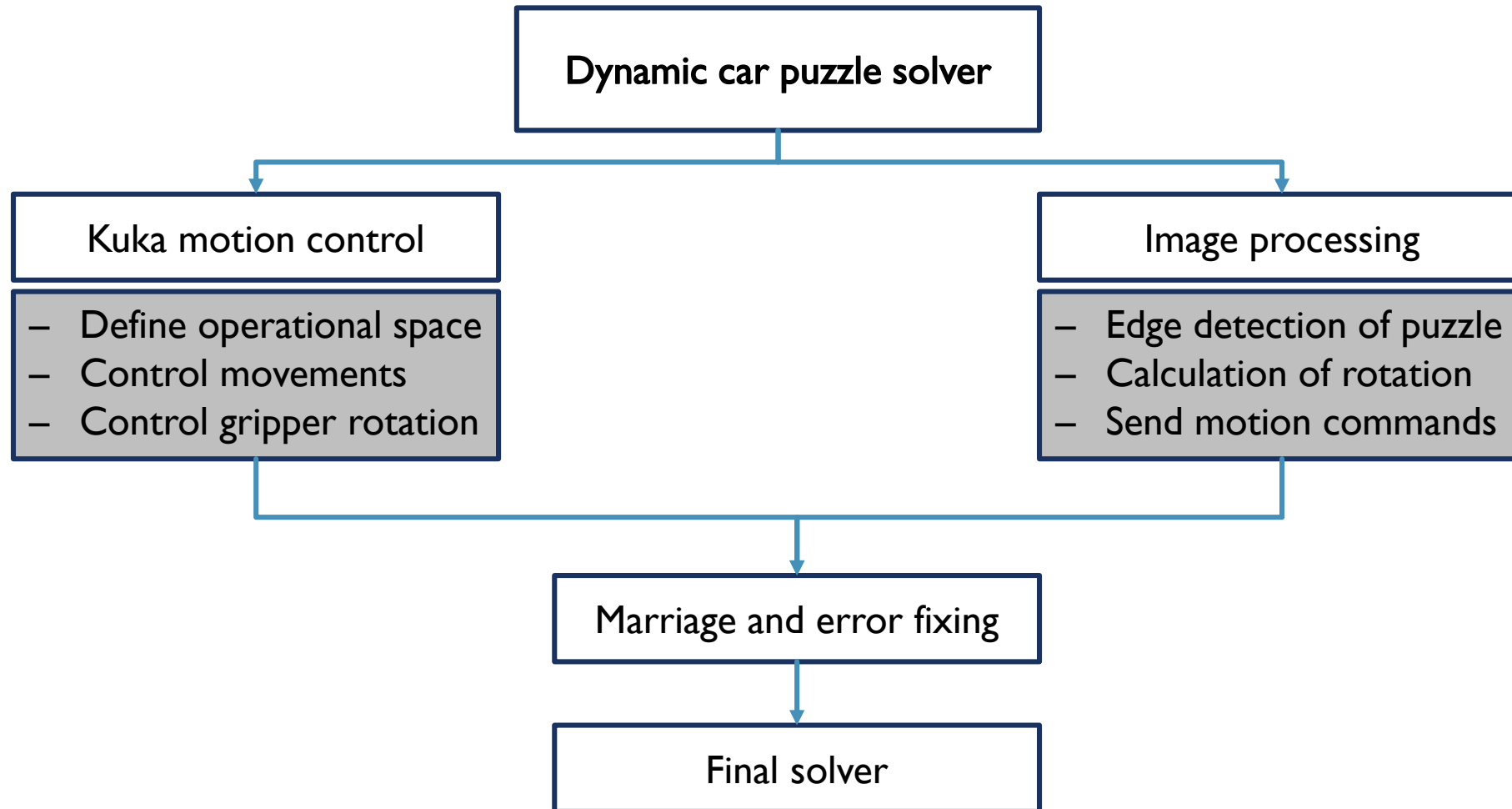


Programm a industrial robot

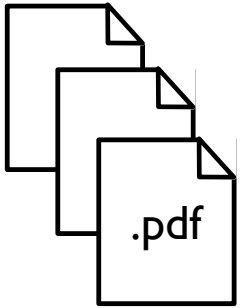
CURRENT SITUATION

- Picture of robot

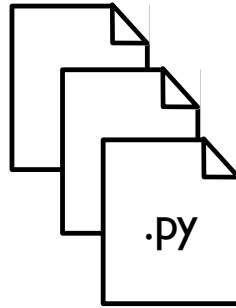
PROJECT APPROACH



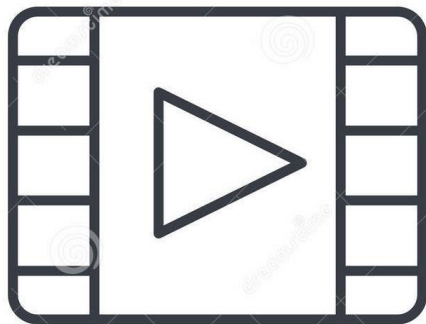
DELIVERABLES



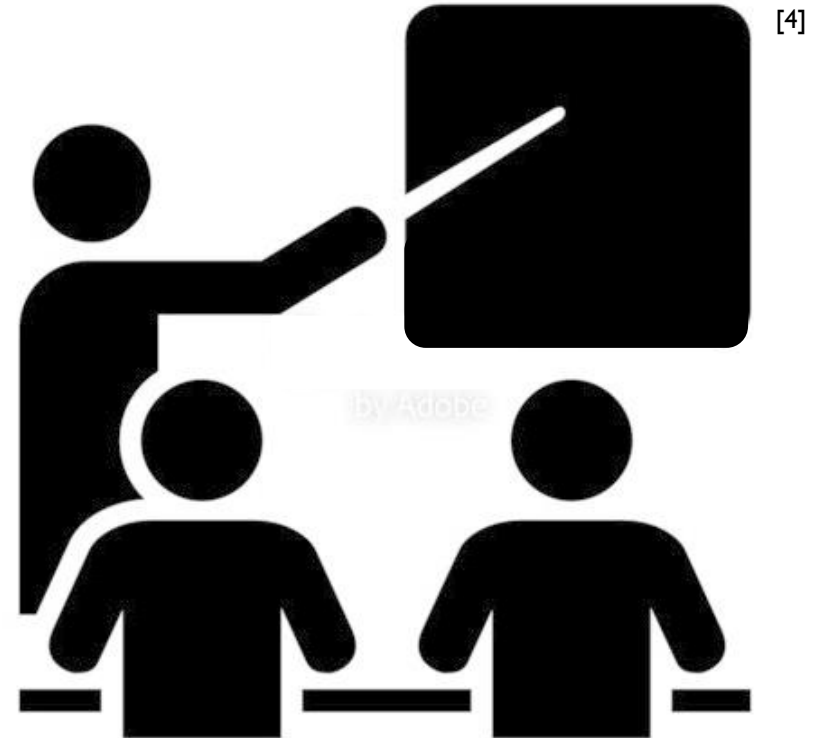
Final project documentation



Software

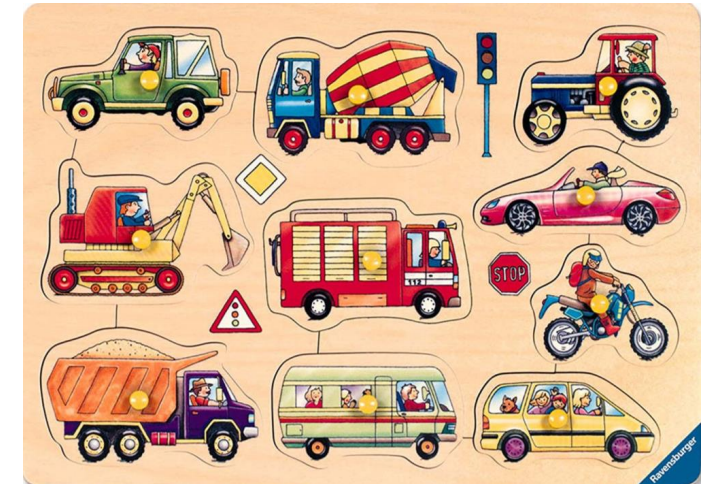
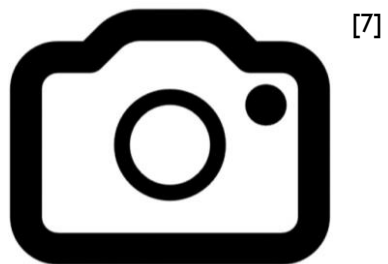


Video clip

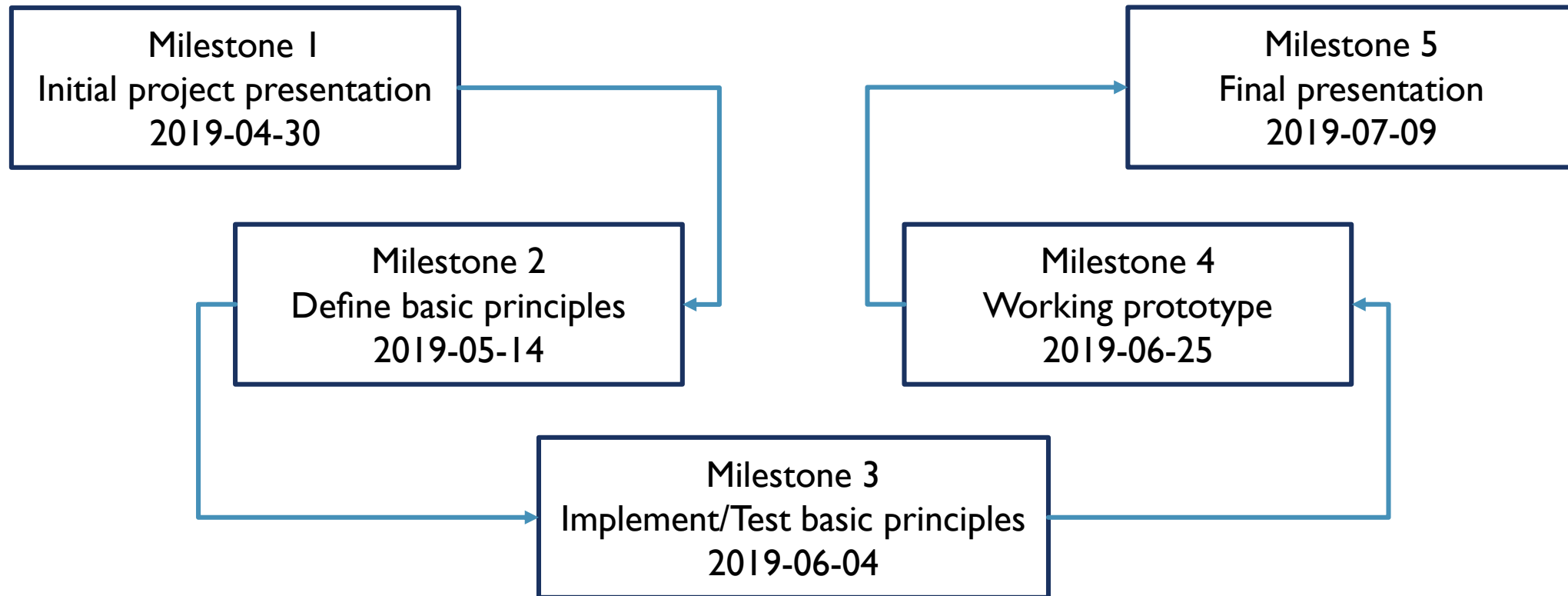


Final presentation/demonstration

MATERIAL AND COSTS



MILESTONES



BIBLIOGRAPHY

- [1] - <https://www.welt.de/img/wirtschaft/mobile/39410507/5031358457-ci16x9-w1200/KUKA-Roboter-fuer-Vwams-Wirtschaft-Kontak.jpg>
- [2] - https://images-na.ssl-images-amazon.com/images/I/81AIPDIWLyL._SL1500_.jpg
- [3] - <https://thumbs.dreamstime.com/z/videorahmen-film-kino-medien-d%C3%BCnne-linie-ikone-des-spielers-lineares-vektorsymbol-99227086.jpg>
- [4] - https://t4.ftcdn.net/jpg/00/36/49/45/500_F_36494561_5LXhPVnoiKL6Kc08mkChbfyelmyVW82Z4.jpg
- [5] - https://static.turbosquid.com/Preview/2015/05/29__08_34_09/KukaRobotKR10R1100Rigged3dmodel02.jpg4e9d544a-294d-4965-9ff8-8ac9642a33b5Original.jpg
- [6] - <https://www.kuka.com/-/media/kuka-corporate/images/products/software/kuka-workvisualgrafik-intro.jpg>
- [7] - https://image.freepik.com/freie-ikonen/kamera-skizzieren_318-8404.jpg
- [8] - <https://python.rs/pylogo.png>
- [9] - https://upload.wikimedia.org/wikipedia/commons/5/53/OpenCV_Logo_with_text.png

(all downloaded at 2019-04-28)