





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



Structure

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?



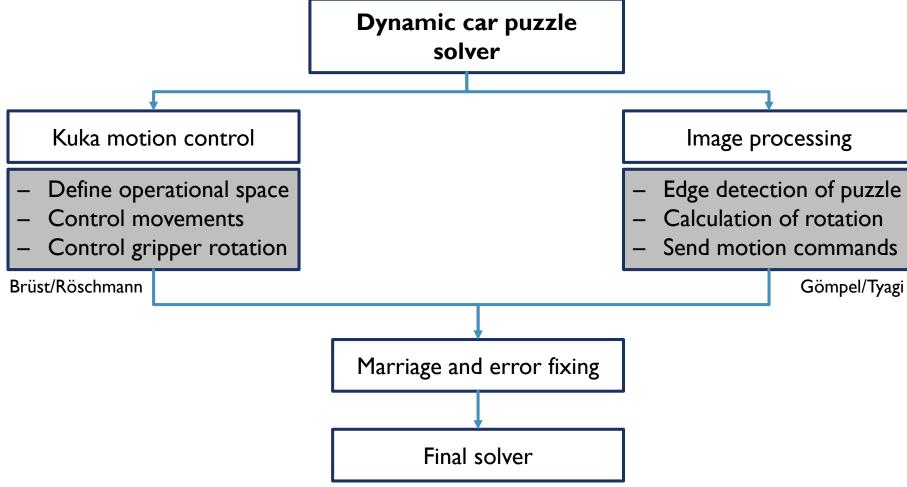
Programm a industrial robot

Introduction

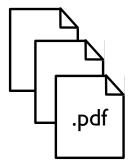
CURRENT SITUATION

Picture of robot

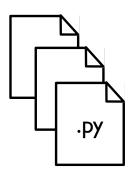
PROJECT APPROACH



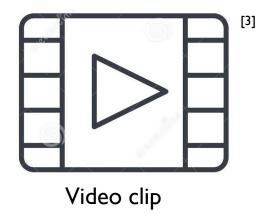
DELIVERABLES

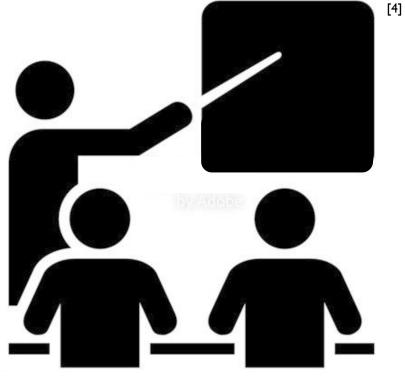


Final project documentation



Software





Final presentation/demonstration

MATERIAL AND COSTS



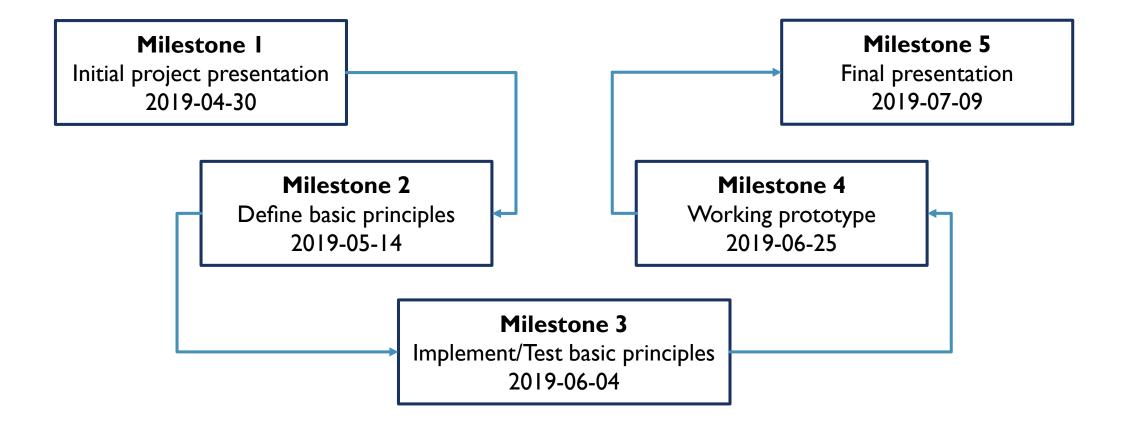








MILESTONES



BIBLIOGRAPHY

- [1] https://www.welt.de/img/wirtschaft/mobile139410507/5031358457-ci16x9-w1200/KUKA-Roboter-fuer-Wams -Wirtschaft-Kontak.jpg
- [2] https://images-na.ssl-images-amazon.com/images/I/81AIPD1WLyL._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 5LXhPVnoiKL6Kc08mkChbfyelmyW82Z4.jpg
- [5] https://static.turbosquid.com/Preview/2015/05/29__08_34_09/KukaRobotKR10R1100Rigged3dmodel02.jpg 4e9d544a-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)