Honours Year Project

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Problem

- SASL dictionary

- Vast amounts of video data

- Extracting necessary information

- Automation

Project Outline

- Receive a set of video files

- Generate vector data from hand movements

- Save a set of files by corresponding movements

Solution

- Develop two applications
  - Video split application
  - Hand motion detection application

Video Split Application

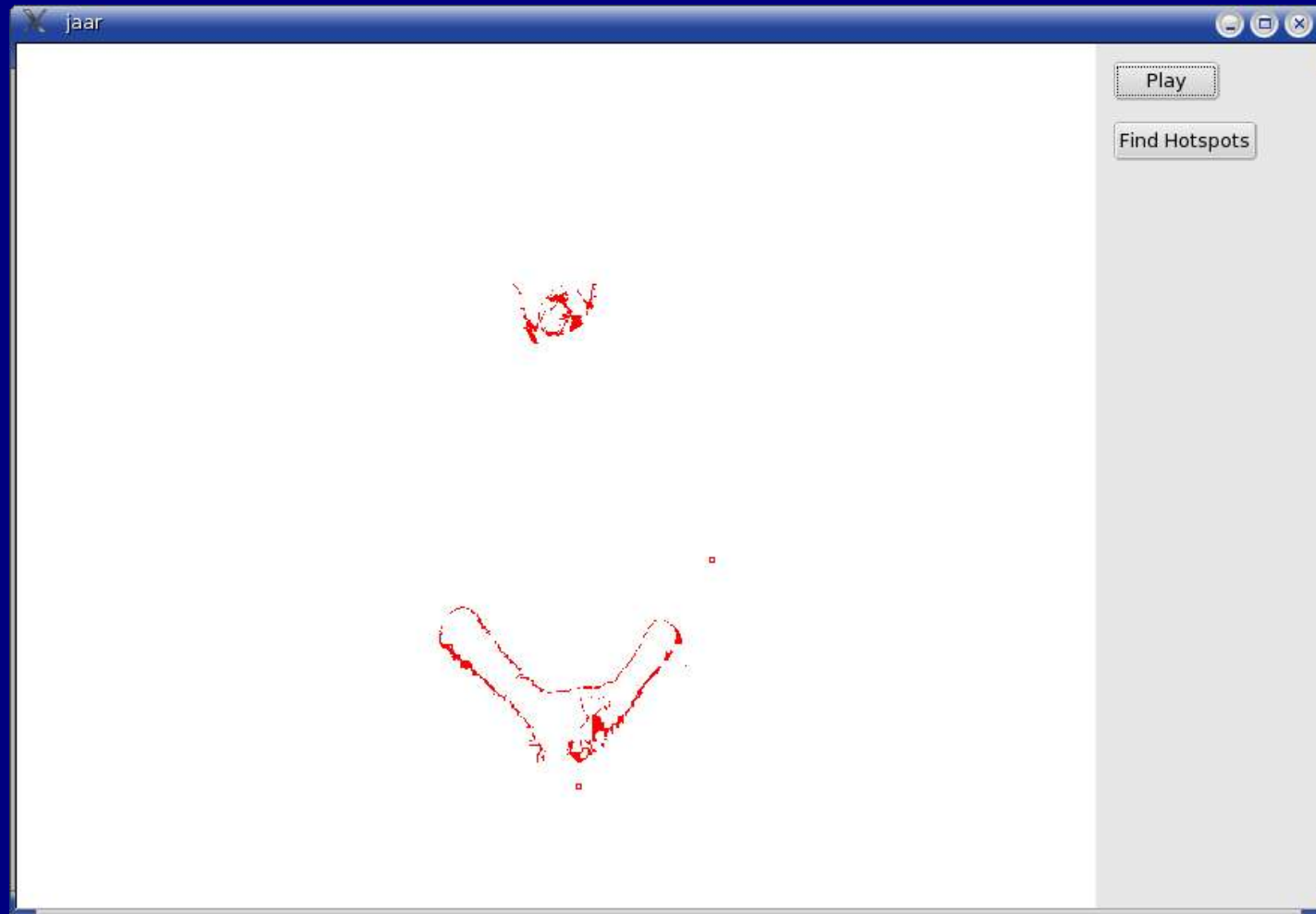- Edge detection

- User input

- Progress

Hand Motion Application

- Detecting human body

- Mean and standard deviation
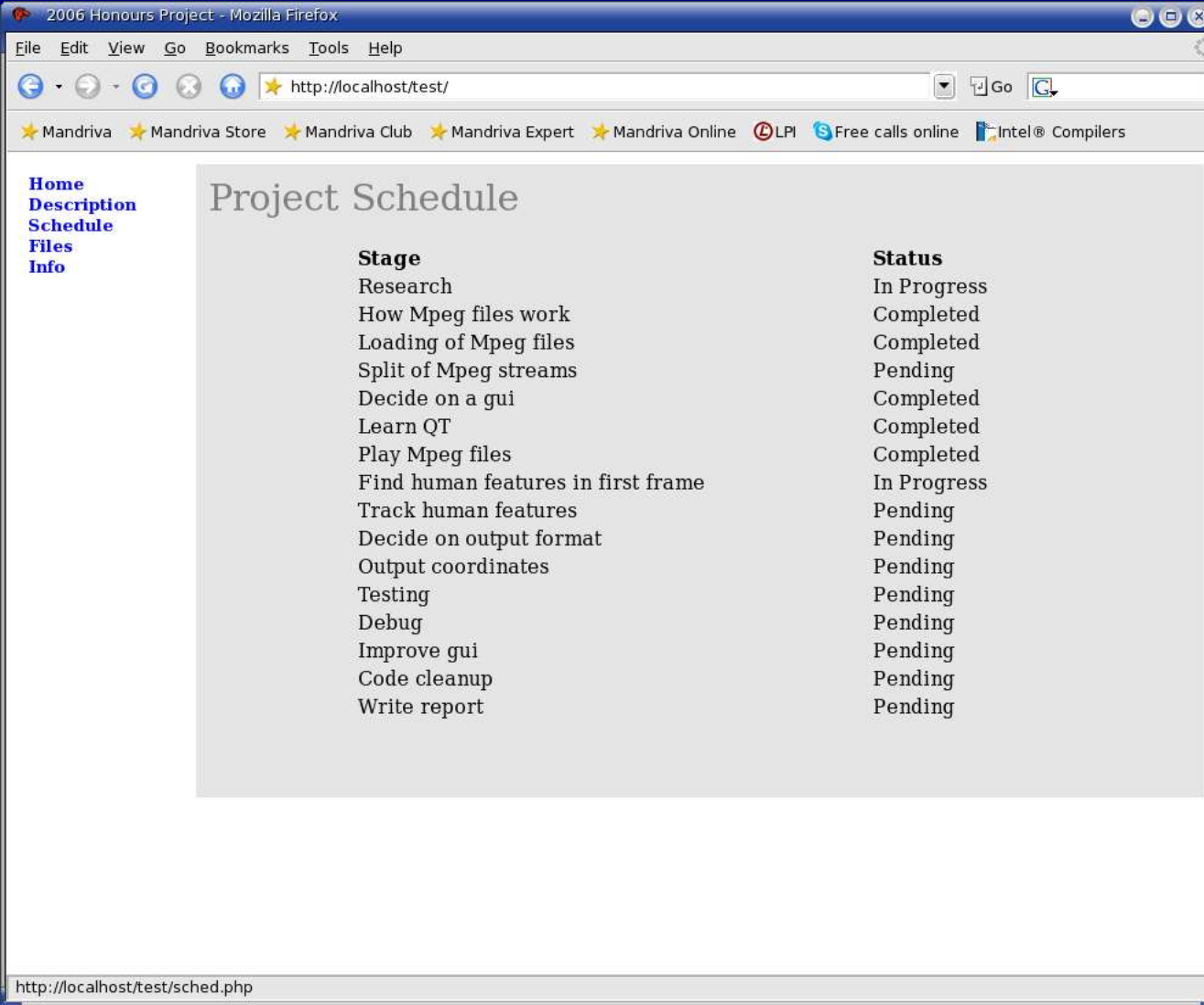
- Detecting different body parts

- Frame tracking

Hand Motion Application

Hand Motion Application

Schedule

Comments

- QT
- Mpeg 2
- Splitting
- Performance