MOMO SOFTWARE

JOURNEY

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ଔ Momo Software

ଔ Problem Definition

ଔ Product Features

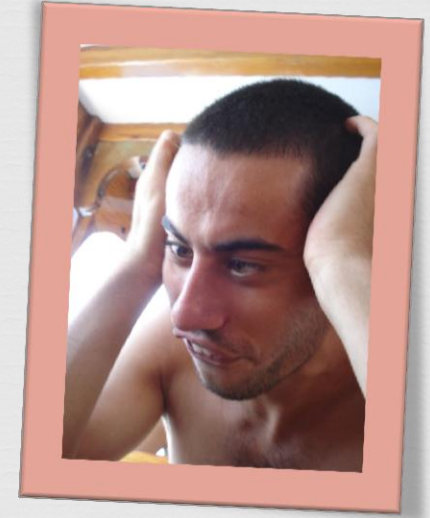ଔ Our Solution

ଔ Current Status

ଔ Questions

MOMOSOFT

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PROBLEM DEFINITION

 How do we create a user interface adaptable to context and environmental changes?

 User interface problems:

 How to read while walking,

 How to read when it's dark,

 How to type unless standing still,

...

PRODUCT FEATURES

- Android-based
  - Compatible with Mobile Devices

- More Flexible

- Adaptable GUI

- User Friendlier

- More Accurate

OUR SOLUTION

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❧ Sensor analysis
  ❧ Accelerometer Sensor
  ❧ GPS Sensor Data
  ❧ Orientation Sensor

❧ Dynamic Approach

❧ Manual Controls

CURRENT STATUS

ॐ WHAT WE'VE DONE?
- ॐ Sensor Processing
  - ॐ Accelerometer Data Processing
  - ॐ Orientation Data Handling
- ॐ Scenario Creation
  - ॐ XML Parsing
  - ॐ UI Implementation
- ॐ User interface adaptations
  - ॐ Manual Controls (Calibration)
  - ॐ Continuous Changes (Dynamic Approach)

IT'S SHOW TIME

SAMPLE

VIDEO

CURRENT STATUS

 WHAT WE'RE DOING?

 Semantic Zooming
  - Eliminating Redundant Data from Map
  - Different Zoom Levels

 Light Sensor Implementation
  - No Light Sensor on Emulator
  - Reading File for Light Info

 GPS Data Processing

«Thanks for Listening!»

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