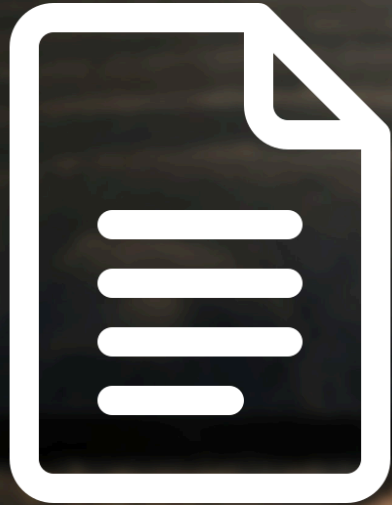# Timelink

Presented by **LamToCo Solutions**

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Project Summary

- Easy way for employees to mark their working hours.

- Usage of an mobile app

- Usage of a central Data Server

- Usage of an admin platform

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Project Goals

- Simple User interface for the mobile app

- The mobile shall work offline

- The administrator page will have several graphs that will demonstrate his needs in a easy and direct way

- All the other goals will be specified more in detail in the SPEC sheet

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Project Deliverables

- Documentation:
  - All the meeting will have their respective minute
  - Main project specification sheets
  - Manual tests

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Mobile App

- App where all users will be able to insert all their working hours

- Based on a **React-Native** platform

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Data Server

- Springboot-based application

- Respective SQL database

- This server will mainly be used as an API for both client and administrator platforms

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Administrator Platform

- A non-mobile application, also **react-native**

- Goal of the app will be to show the user the amount of hours per user and other parameters

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Scope

In Scope

- Build the mobile app with all the essential functionalities
- Build the Data Server completely with all basic functionalities for both Admin and Normal users
- Build a simple Admin page

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Scope

Out of Scope

- Fully implement all functionalities for both Admin and User apps.
- Data integration from Car GPS tracking applications such as (Name still to check)
- Data Exportation to formal formats (such as XML) to further integrating the system to other business management tools

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Benefits and Costs

Benefits

- In-life management of realized hours of all employees
- No more need to write all hours created in a paper-format
- Easy control of project manual labor cost
- Easy control of employees theoretical and real number of hours realized (only possible in version 2.0).

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Benefits and costs

Costs

- The necessity of a testing server (run beta production system) and git repository
- Labor cost

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Key Dates & Milestones

- Project start: **30/09**
- Milestone 1 => Implement the main Spec of the system: **07/10**
- Milestone 2 => Implement all C1->C4 levels of architecture of the system: **14/10**
- Milestone 3 => Implement the first version of the Data Server system: **11/11**
- Milestone 4 => Implement the first version of the mobile app: **08/12**
- Milestone 5 => Implement the first version of the Admin app: **08/12**
- Milestone 6 => Having all major test implemented and working: **08/12**
- Delivery of the version: **15/12**

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Key Risks

- **Risk 1:** Companies will not be willing to change from their current to system to ours
- **Risk 2:** Data imports/exports might show a bigger difficulty than expected
- **Risk 3:** The project Scope being to big for the time that we have

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Stakeholders & Team

- **Project Lead:** André OLIVEIRA MARTINS

- **Developer:** Tomás MARQUES DO POMAR

- **Developer:** Leonardo SOUSA COIMBRA

- **Business Analyst:** Elvin COCCO

- **QA Engineer:** Manon BARTHELEMY

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Thank You

Questions?

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