

# ERLANGEN

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## Assignment Manager

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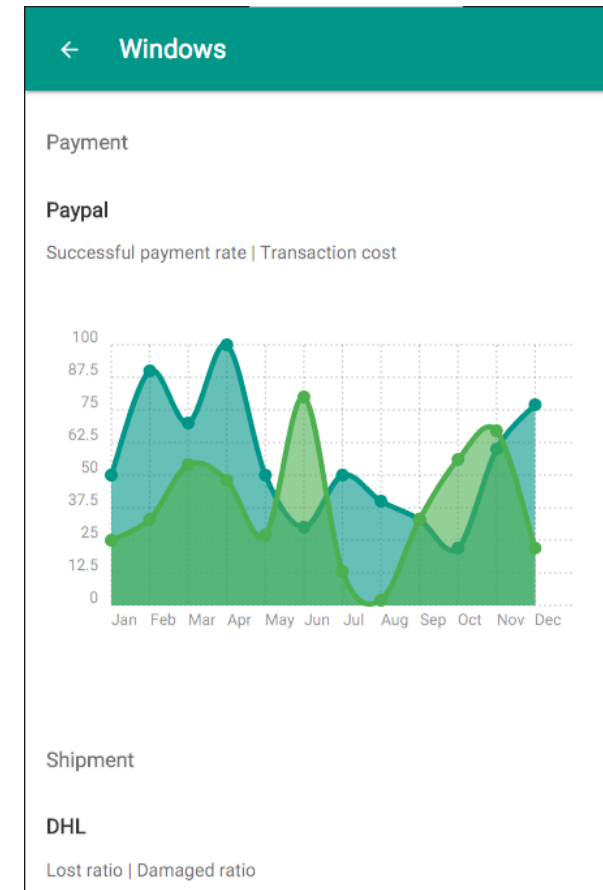
# Problem & Case

- Managing **multiple subcontractors** through **different interfaces** can be difficult.
- A service provider can use a **single interface** to see the performance of all the subcontractors based on **statistics and customer feedback**.
- This can help in **efficient** and **productive** management of **complex business partner services**.
- This is critical to a service provider as the customer sees the **entire service** as provided by a **single company**.



# Program Features of Erlangen

- 'Assignment Manager' provides the following features to solve the problems mentioned previously,
  - Option to **create an assignment**
  - Display a **list** of all the subcontractors
  - Show **charts** on the basis **subcontractors performance**
  - Listing of desired **customer feedback** for all products
  - **Responsive app design** and user friendly interface



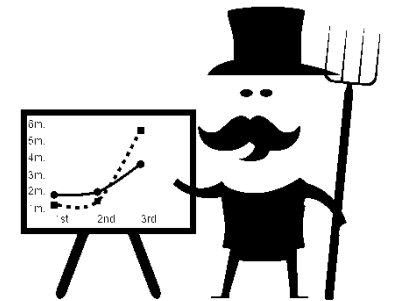
*Screenshot from 'Assignment Manager' showing a chart for subcontractor performance*

# Technical Descriptions/Tools Used

- **'PhoneGap'**
  - Open Source framework to create mobile apps using standardized web APIs for multiple platforms.
- **jQueryMobile**
  - This is a HTML-5 based user interface system designed to make responsive web sites and apps that are accessible on multiple platforms
- **NativeDroid2**
  - A jQuery mobile theme in material design.
- **chartist.js library**
  - A responsive JavaScript library to illustrate statistics.



NATIVEDROID<sup>2</sup>



Demo

# Recommendation & Future Work

- Implementation of the **back-end**
- **Native platform client** for better performance as compared to PhoneGap
- New subcontractor **suggestions** based on customer feedback and ratings
- A companion **web client** application
- Integration of Microsoft Dynamics AX ERP Software for **Business Intelligence**
- **E-mail feedback** integration from manufacturer to customer
- **Enterprise customization** of the interface
- **Real-time** updates of data

Thank You