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Proposal

Sample Project 2: Mobile application development

Technical part by Oleg ZX

Financial part by Oleg ZX

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Technical Part

1. Short project description

In this field, you can briefly provide the most important information about the project, for example, the project name, a short description, objectives, and general technologies.
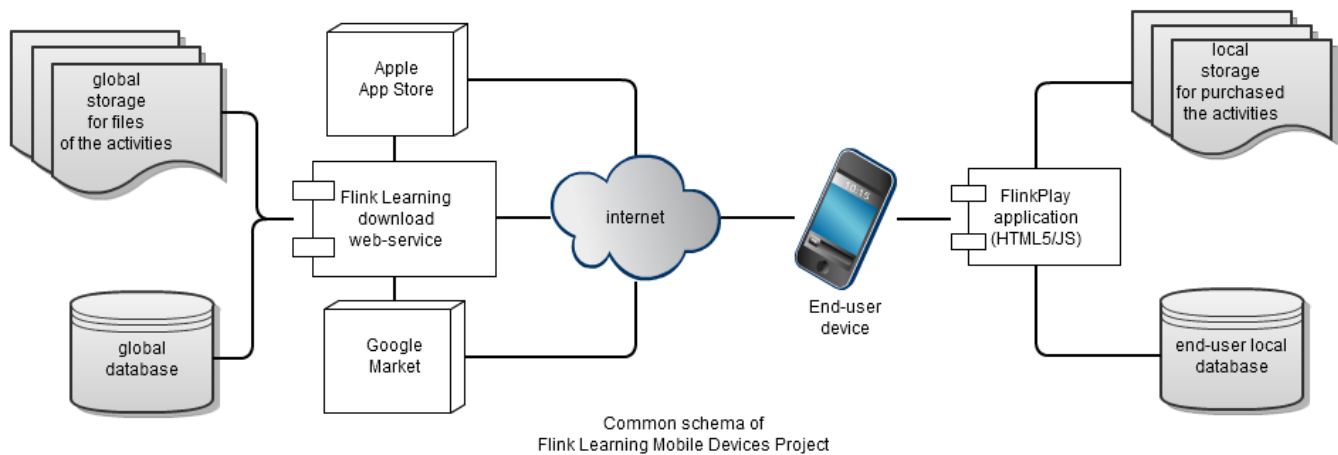
2. List of important requirements

In this field, you can summarize the major requirements for the future project in your own words. We suggest to list here those requirements which singificantly determine work scope of the project.

3. Possible Risks

In this field, you can make a note of every possible risk in project development, for example technical issues or any other issue that may lead to missing deadlines, not staying within budget, or not completing the project.

4. System Architecture

Common schema of
Flink Learning Mobile Devices Project

The system will consist of the following major sections:

    1) iOS/Android mobile application

    2) HTML5 web application

    3) Server-side application

5. Technologies

ZX suggests building the system using the following technologies:

    1) MS SQL Server

    2) jQuery

    3) HTML 5

    4) Javascript

    5) ASP.NET MVC3

6. Documentation

ZX will provide:

    1) Commented source code

    2) Technical documentation

7. Quality Control and Testing

ZX will implement the following tests:

    1) Functional testing

    2) Performance testing

    3) Destructive testing

    4) Usability testing

    5) Security testing

8. Project Breakdown with time efforts estimation

Timeline and price in this proposal are referred to the entire application.

#	Stages/Tasks	Efforts, man-hours
Stage 1	**Analysis and Design**	
1.1	Work plan creation	4
1.2	Technical architecture design	4
Stage 2	**Implementation**	
2.1	DB creation	16
2.2	Synchronizing service	5
2.3	Design, UI	20
2.4	Check-In	
2.4.1	Containers	
2.4.1.1	View Containers	6
2.4.1.2	Stock Vew/Edit	12
2.4.1.3	Orders Vew/Edit	6
2.4.1.4	Extra Vew/Edit	6
2.4.2	Collection	
2.4.2.1	View Collections	12
2.4.2.2	Ckeck-In Collection	8
2.4.3	Return not delivered	
2.4.3.1	View Items	6
2.4.3.2	Add/Edit Items	10
2.4.4	Other	8
2.5	Check-out	
2.5.1	View Orders	6
2.5.2	View Order (Dispatch/Can t dispatch)	8
2.6	Move Stock	
2.6.1	New Transfer	8
2.6.2	View Transfers / View Transfer	10
2.7	Stocktake	
2.7.1	Add Item	8
2.7.2	List Items/ View Item	10
Stage 3	**Testing and other QA tasks**	
3.1	Acceptance testing of all system	10
Stage 4	**Deployment**	
4.1	Application deployment	8

Total estimated efforts: 191 man-hours

9. Project delivery plan by stages

The project will be implemented in the following stages:

Stage 1. Analysis and Design

Tasks	Work plan creation;Technical architecture design;
Deliverables	Work plan and technical architecture
Estimate (work days)	1
Total man-hours by stage	8

Labor category	Man-hours per category	Staff quantity	Man-hours per person
Senior software engineer	8	1	8

Stage 2. Implementation

Tasks	DB creation;Synchronizing service;Design, UI;Check-In;Containers;View Containers;Stock Vew/Edit;Orders Vew/Edit;Extra Vew/Edit;Collection;View Collections;Ckeck-In Collection;Return not delivered;View Items;Add/Edit Items;Other;Check-out;View Orders;View
Deliverables	Working application with some bugs
Estimate (work days)	20
Total man-hours by stage	165

Labor category	Man-hours per category	Staff quantity	Man-hours per person
Senior software engineer	21	1	21
Software engineer	124	1	124
Web designer	20	1	20

Stage 3. Testing and other QA tasks

Tasks	Acceptance testing of all system;
Deliverables	Fully working application
Estimate (work days)	2
Total man-hours by stage	10

Labor category	Man-hours per category	Staff quantity	Man-hours per person
Software test engineer	10	1	10

Stage 4. Deployment

Tasks	Application deployment;
Deliverables	Deployment of created application
Estimate (work days)	1
Total man-hours by stage	8

Labor category	Man-hours per category	Staff quantity	Man-hours per person
Software engineer	8	1	8

Total project timeframe: 5 weeks.

Total estimated efforts: 191 man-hours

Time efforts by labor category

Labor category	Duration, man-hours
Senior software engineer	29
Software engineer	132
Web designer	20
Software test engineer	10

Financial Part

10. Budget details

Senior software engineer	30 USD per hour
Web designer	25 USD per hour
Software test engineer	18 USD per hour
Software engineer	25 USD per hour

Budget calculation

Labor category	Duration, man-hours	Cost per category	Total cost per category
Senior software engineer	29	30	870
Web designer	20	25	500
Software test engineer	10	18	180
Software engineer	132	25	3300
Total (USD)			4850

Additional Services

- Documentation and FAQ - 560 USD
- Client staff education - 1500 USD

Total price is 6910 USD

The total cost includes:

- 3 months of free bug fixing
- Final deliverables in accordance with project work scope listed in proposal
- Development and testing efforts to create the entire project

 The above price does not include third-party components or services, e.g. money transfer charges, purchased hardware and software components (e.g. operating system, database server).

11. Payment terms

- Pre-payment   : 30 % Price: 2073 USD
- After completion of Stage 2:   30 % Price: 2073 USD
- After completion of Stage 4:   40 % Price: 2764 USD

    Total price: 6910 USD

Methods of payment

- ZX accepts payment via Elance
- ZX accepts payment via vWorker
- ZX accepts payment via Guru

Payment Notes

We will provide source code only after full payment

12. Warranty

All errors that are discovered within the first three months of system operation will be fixed at no additional cost.

13. Maintenance and support terms

We provide any necessary maintenance and third-level support. Maintenance costs are negotiable, but we offer the following standard packages:

General information

14. Information

Key Services:

Key Skills:

Location: Russia

Team Expertise

15. Contact Details

Email: zhuravlevod@gmail.com