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|--------------------|------------------|-------------|------------|
| Project | SmartCart | Week | 48 |
| Responsible | Luka Božić | Date | 2011-12-05 |

Executive Summary

Timeliness

| General Project Status | Fulfillment of Next Milestone |
|------------------------|-------------------------------|
| On track | On schedule |

Project Cost

| | |
|-------------------------|---------|
| Current Planned Cost | 24 900€ |
| Current Actual Cost | 5963€ |
| Planned Project Cost | 24 900€ |
| Forecasted Project Cost | 24 900€ |

Results This Week

| Activity Owner(s) | Activity | Work load | Forecast | Result / Comment |
|---|--|-----------|----------|---|
| Filip Gvardijan, Željko Brdarić, Ali Shahid, Igor Czerwinski | Android application | 46 | 30 | <p>Improved layouts that items remain visible on the screen together with buttons on products and shopping list screen, made updating check for time passed from last update, modifying web, modifying client database and code, Fixing android application to accept new services responses</p> <p>Implemented a delimiter for suggested stores, add new product screen</p> <p>Designing add store features, repairing smartscanner api for barcode from open source project named zxing, Creating colors.xml, fixed bugs in the setting screen, Added features</p> <ol style="list-style-type: none"> Selecting store from map while adding product Displaying different colors of pins for store cats on map <p>Integrated Barcode scanning in SmartCart application Externalized strings in the app</p> |
| Ivo Štimac, Igor Czerwinski, Luka Božić | Server Part | 25 | 20 | Changed service interfaces and implementation (adding new product, getting suggested stores, getting stores to show on map...) |
| Luka Božić, Filip Gvardijan, Željko Brdarić, Ivo Štimac | Finalizing the store categories solution | 29,5 | 4 | Coming up with the final solution to the store categories problem, and strictly defining how will these parts work: getting suggested stores, viewing product details, and updating of the product price. |

| | | | | |
|----------------------------|---------------|-----|----|-----------------------------|
| Bin Wu, Igor Czerwinski | Testing | 10 | 10 | Testing of the web services |
| Igor Czerwinski | Visual design | 1,5 | 2 | Designing the buttons |

Activities Planned for Next Period

| Activity Owner(s) | Activity | Work load | Result / Comment |
|---|-------------------------------|-----------|---|
| Luka Božić | Document revision | 1 | Update the requirements document |
| Željko Brdarić, Filip Gvardijan, Ali Shahid, Igor Czerwinski | Android application | 30 | Implement searching products by categories, typing the name, barcode scanning, and preparations for the second prototype. Other specific tasks will be assigned on tomorrow's (Tuesday, 2011-12-06) meeting |
| Ivo Štimac, Igor Czerwinski, Luka Božić | Server Part | 20 | Solve the barcode problem; bring the decision on the Milk problem, preparations for the second prototype. Other specific tasks will be assigned on tomorrow's (Tuesday, 2011-12-06) meeting |
| Bin Wu, Igor Czerwinski, Luka Božić | Acceptance test plan document | 6 | Finish the first version of the acceptance test plan document and send it to Juraj for a review. |
| Filip Gvardijan, Igor Czerwinski | Beta prototype presentation | 4 | Come up with a way of presenting the beta prototype |

Action List

| Task | Responsible | Comment |
|--|-------------|--|
| Documentation revision | LB | Requirements document |
| Acceptance test plan document | BW, IC | Finish the first version |
| Unit testing | BW | Finish the unit tests |
| Implement browsing products by categories | ZB | |
| Implement search by typing the name of the product | FG | |
| Implement search by barcode reading | SA | |
| Solve the barcode problem | IS | Find a solution on the server side for the barcode problem |
| Server part tasks | IS, IC, LB | Specific tasks will be assigned on the team meeting on Tuesday, 2011-12-06 |

Comments / Experiences / Problems

- This week we made some important design decisions regarding the stores and everything related to them. Everything related to that problem has been defined in details and some parts are already implemented, while the other will be this week.
- We had a situation that we decided on one version of the solution (for the store categories), but then the other day we noticed that this solution isn't optimal after all and decided to change it. The consequence to this was that one team member already started with the implementation according to the first version of the design solution, and due to the changes in the design solution had to cancel his previous work and redo some things. The positive thing in this case was that we reacted relatively quickly to the first version of the solution (we saw relatively quickly that it's not good) and decided on the changes and defined the new solution very detailed so we didn't have a lot of unnecessary work in the project (estimation is 1 hour). From this situation we learned about the consequences of changing the (design) decisions.
- Now that we have strictly defined how the things will work in our application it has proved to be much easier to divide the work and keep track of the project status.
- We managed to get (buy) some equipment (adapters) to connect the mobile phone to the projector and this way present to both sides (Sweden and Croatia) the beta prototype on a real device. To do this we will need to try how this actually works before the actual presentations.

Metrics

Milestones

| Id | Milestone Description | Responsible Dept./Initials | Finished week | | | | Metr | Rem |
|-------|-----------------------------|----------------------------|---------------|----------|-----|--------|------|-----|
| | | | Plan | Forecast | | Actual | | |
| | | | | Week | +/- | | | |
| M-001 | Project Vision Presentation | FG,ZB | 41 | 41 | 0 | 41 | | |
| M-002 | Project Plan | All team members | 42 | 42 | 0 | 42 | | |
| M-003 | Project Plan Presentation | LB, AS,IS,IC | 42 | 42 | 0 | 42 | | |
| M-004 | Requirements Definition | LB,FG,AS,IB | 42 | 42 | 0 | 42 | | |
| M-005 | Design Description | BW,IC,ZB | 43 | 42 | +1 | 43 | | |
| M-006 | Alpha prototype | All team members | 47 | 46 | -1 | 45 | | |
| M-007 | Beta prototype | All team members | 50 | 50 | | | | |
| M-008 | Acceptance test plan | BW, IC, LB | 50 | 50 | | | | |

Working Hours

| Member | W41 | W42 | W43 | W44 | W45 | W46 | W47 | W48 | Total |
|-----------------|------|------|------|-----|------|-----|------|------|-------|
| Bin Wu | 6 | 11,5 | 7 | 17 | 7 | 16 | 8,5 | 7,5 | 80,5 |
| Filip Gvardijan | 12,5 | 5 | 11 | 20 | 19 | 11 | 4,5 | 30 | 113 |
| Igor Czerwinski | 10 | 11,5 | 6,5 | 9,5 | 13 | 5 | 8 | 11,5 | 75 |
| Ivo Štimac | 17 | 6 | 15 | 10 | 14 | 8 | 5 | 7 | 82 |
| Luka Božić | 16 | 23 | 19,5 | 3,5 | 12,5 | 12 | 7 | 14 | 107,5 |
| Ali Shahid | 15 | 11 | 12 | 11 | 15 | 9 | 15 | 23 | 111 |
| Željko Brdarić | 12 | 6 | 26 | 19 | 19 | 4 | 7,5 | 19 | 112,5 |
| Total | 88,5 | 74 | 97 | 90 | 99,5 | 65 | 55,5 | 112 | 681,5 |