PROJECT PROP

PROCESS REPORT

Date: 03-09-2015

Group : E

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WEEK 19

AGENDA FOR MEETING – 11/01/2015

Time: 13:30

Location: R1 2.75a

TOPICS

1. Demonstrate and discuss on the implemented functionalities of the windows application and website – local host version.
2. Demonstrate and discuss on window application – event’s report app.

Meeting minutes:

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| Topic of discussion |
| 1. Discussed on implemented functionalities for windows application and website on local host. It’s recommended that the final product should be run on server (could be Athena server without implementation of confirmation through e-mail. |
| 1. Preparing for presentation. |

Task assignments for this week:

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Work on returning material.  Preparing for the presentation. |  |
| **2. Michel** | Work more on status of the event apps.  Preparing for the presentation |  |
| **3. Bilal** | Testing completed implementation of camp reservation on website and check-in at the entrance of camp area functionalities of Window app.  Preparing the agenda for presentation. | Finished the agenda for the presentation. |
| **4. Thanh** | Try to deploy the product on server.  Make the presentation |  |

WEEK 18

AGENDA FOR MEETING – 04/01/2015

Time: 13:30

Location: R1 2.75a

TOPICS

1. Demonstrate and discuss on the implemented functionalities of web application
   1. Register for event account, email activation and email confirmation for event account ID.
   2. Camp reservation functionalities.
2. Demonstrate and discuss on window application – event’s report app.
3. Discuss on problems with sending email.

Meeting minutes:

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| --- |
| Topic of discussion |
| 1. Discussed on register for event account and activate account by email. Some points could be improved:    * + 1. + The link for activating the email should expired in a limit of time.        2. + The content of the email should give more information about the event, link of the website. |
| 1. Discussed on problems with sending email, should try with some free cloud server like Amazon Web Service to get the full controls on configuration. |
| 1. Discussed on event’s report app.   + The user interface design for the part of food report and user’s information report should be improved.  + Should have an table in MOSCOW for functionalities of event’s report app. |

Task assignments for this week:

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Working on the contact page on the back end side.  Working on the front end of personal pages, new pages. Improve their performance. |  |
| **2. Michel** | Working on the report status of window application. Should suggest n table to sum up functionalities of this app in MOSCOW.  Testing for validation on client side of all website’s form. | Almost done with status report application.  Finished MOSCOW table for the apps functionalities and on validations tests of all website’s forms. |
| **3. Bilal** | Testing completed implementation of camp reservation.  Work on sending email for camp reservation. | Finished camp reservation and sending email for camp reservation. |
| **4. Thanh** | Testing website for main functionalities. Try to deploy it on server.  Testing windows app. Improving working of RFID – avoid the unsuitable display of message box. | Problem with deploying website on Athena server due to sending mail problem.  Created new branch for local testing (named LocalVersion\_Tesing). Both window apps and website working well on localhost and can be connected to each other base on one database.  Improved the working of RFID on windows app for showing messages. Replaced messaged box with label. |

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| --- | --- |
| Windows App functionalities | Status |
| Customer check in and check out | Done |
| Camp reservation ( check in and check out) | Done |
| Which camping spot are free | Done (total numbers) |
| Visitors who booked a camping spot and for how much money | To be Done |
| Total revenue for camp reservation | Done |
| Food application (Order food and print invoice) | Done |
| Check how much units sold by items | Done |
| Total revenue for food shop | Done |
| Loan material application | Done |
| Total revenue for camp reservation | Done |
| Check current status of a visitor | Done |
| Check the history of a certain visitor | Done |
| Check expecting numbers of visitors | Done |
| Check numbers of visitors present at the event | Done |
| Check numbers of visitors who left | Done |
| Total balance of all events accounts | Done |
| Read PayPal text file and update customers ‘accounts | Done |
| Money sell for each shop | Done |
| Total revenue for all the shops combined | Done |

**Windows App functionalities**

WEEK 15, 16, 17

AGENDA FOR MEETING – 14/12/2015

Time: 13:30

Location: R1 2.75a

TOPICS

1. Discuss on scenario for camping reservations in case of some emails of group have not made the event accounts yet.
2. Demonstrate and discuss on the implemented functionalities of web application
   1. Program page.
   2. Register for event account pages.
3. Discuss on problems with sending email.

Meeting minutes:

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| Topic of discussion |
| 1. Discussion on and got an agreement on scenario for camping reservation. |
| 1. Discussed on problems with sending email. Short-term solutions is continuing work on local server and solving the problem along the way. |

Task assignments for this week:

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Testing validation for camp registration  Work on the camp reservation. | Workings on assigned tasks |
| **2. Michel** | Work on validation for contact form  Working on the report status of window application | Finished report status for the event.  Finished the validation for website of contact form. |
| **3. Bilal** | Work on the camp reservation | Completed implementation of camp reservation |
| **4. Thanh** | Work on the user registration (sending email to activate the account and sending email for event account id after creating successfully an user account) | Finished implementation of user registration. The function for sending email only work on local server. This problem needs to be figured out. |

WEEK 14

AGENDA FOR MEETING – 07/12/2015

Time: 13:30

Location: R1 2.75a

TOPICS

Demonstrate and discuss on the implemented functionalities of web application

The users a personal log-in space.

Validation for registration form.

Meeting minutes:

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| --- |
| Topic of discussion |
| 1. Discussion on implementation for web application   + Registration validation on client side.  + Personal login space. |
| 1. Camping registration in case of group’s member have not registered yet. Discuss and find out solution for this problem. |

Task assignments for this week:

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| --- | --- | --- |
| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Work on the program of event page.  Validation for camp registration | Finished the program event page. Finished validation for camp reservation. |
| **2. Michel** | Work on validation for contact form  Working on the report status of window application | Workings on assigned tasks |
| **3. Bilal** | Work on model layer: classes for database object and test it for login page.  Work on database for the camp reservation.  Implement the database connection following PDO models. | Finished data helper class for users.  Finished classes relating to the database. |
| **4. Thanh** | Work on the registration page and email validation. | Finished server validation for registration page and implementation for inserting new users into database and check for unique email.  Working on sending email function – having problems with sending email through Athena server. |

Problems and suggested solutions:

PHP’s mail() function does not work on both local server and Athena server. An alternative solution is using PHPMailer , open source PHP libraries to send emails with (Source - <https://github.com/PHPMailer/PHPMailer> ), this one works on Xampp localhost but does not work on Athena server.

WEEK 13

AGENDA FOR MEETING – 30/11/2015

Time: 13:30

Location: R1 2.75a

TOPICS

Demonstrate and discuss on the implemented functionalities of window application

RFID functionalities

The application is used at the shop for loaning material.

Loading balance for each of accounts from PayPal file.

Meeting minutes:

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| Topic of discussion |
| 1. Discussion on implementation for   + Integrated the RFID for check-in/check-out at the camping area, entrance and exit at the events.   * It is better if the implementation of RFID do not show many message box. It’ll be interrupt the users   + Selling food application and loaning material with RFID implementation. |
| 1. Focus more on the implementation of website. |

Task assignments for this week:

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| --- | --- | --- |
| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Work on the program of event page. | Workings on assigned tasks |
| **2. Michel** | Work on camp’s information page.  Working on the report status of window application | Workings on assigned tasks |
| **3. Bilal** | Work on database connection for the website.  Work on the personal page login | Finished database connection.  Finished personal page implementation |
| **4. Thanh** | Restructuring the website.  Work on the validation of the registration form. | Finished validation on the client side for registration form. |

WEEK 12

AGENDA FOR MEETING – 23/11/2015

Time: 13:15

Location: R1 2.75a

TOPICS

1. Discuss on class diagram (SetupDocument.docx, chapter 3, pg.31)
2. Demonstrate and discuss on the implemented functionalities of window application
   * The implementation of database on Athena server.
   * The application is used at the entrance of the event
   * The application is used at the food shop.

Meeting minutes:

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| --- |
| Topic of discussion |
| 1. Discussion on implementation for   + Checking at the entrance of the event application:   * It is better if the implementation of log in as well as set up the authorities of users base on their roles   + Selling food application   * The UID’s design SHOULD be improved to become more users friendly in some points (for example: the popup problem, it could be interrupt users from the form they are working on). |
| 1. Focus more on the implementation of website. |

Task assignments for this week:

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| --- | --- | --- |
| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Continue working on the websites. |  |
| **2. Michel** | Work on the payment through PayPal functionality of the windows application. | Finished the application for PayPal reader. |
| **3. Bilal** | Work on application for camping reservation | Finished camping reservation and RFID |
| **4. Thanh** | Work on application loaning material applications.  Updated the database for loaning of return date problems. | Updated database and set up documents for some changes relating to loaning materials.  Finished loaning material app.  Finished RFID implementation for food shop and loaning material. |

WEEK 11

AGENDA FOR MEETING – 16/11/2015

Time: 13:15

Location: Room 2.40

TOPICS

1. Discuss on class diagram (SetupDocument.docx, chapter 3, pg.31)
2. Discuss dynamic aspects of the websites.
3. Discuss on the process of window application.
4. Discuss possibility of payment of ticket +balance at the entrance of the event (Event Entrance Form)

Meeting minutes:

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| --- |
| Topic of discussion |
| 1. The implementation of payment at the event’s entrance COULD be done. However, taking care about security problems. |
| 1. Focus more on the implementation of application. |

Task assignments for this week

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Continue working on the websites. |  |
| **2. Michel** | Work on the payment through PayPal functionality of the windows application.  Validation for the contact page | Working on this task |
| **3. Bilal** | Work on application for check-in at the entrance of the event, exit the event and camping reservation | Finished application for check-in at the entrance. |
| **4. Thanh** | Work on application for food shop, loaning material and report for the event. | Worked on food application. |

WEEK 7, 8, 9, 10 (12/10/2015 – 16/11/2015)

AGENDA FOR MEETING – 12/10/2015

Time: 12:30

Location: Room 2.40

TOPICS

1. Should we include a payment page on our website for when users need to put more money on their account? The payment page will link to pay-pal with details of their individual event-account id.
2. Discuss on UID’s for Windows form application.
3. Discuss other requirements for the C# applications. Should we include class diagrams/hierarchy in the set up document about C# applications?

Meeting minutes:

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| Topic of discussion |
| 1. The implementation of payment page is SHOULD/ WOULD levels of Moscow. |
| 1. User interface design should be designed with the User Case diagram to make the functionality of each form to become more clarification. |
| 1. The class diagrams MUST be done in the next step of implementation. |

Task assignments for week 7, 8, 9, 10 (From 12/10/2015 to 16/11/2015)

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Continue working on the websites.  Combine all of webpages. |  |
| **2. Michel** | Continue working on News webpage |  |
| **3. Bilal** | Work on class diagram and implement 4 classes: GroupMember, Camp and Invoice. | Finished these classes. |
| **4. Thanh** | Design class diagram  Implement classes: EventAccount, Invoice\_Items, Items, Invoice, MaterialInvoice, and Material.  Set up the repository on GitHub. | Designed the class diagram  Implemented assigned classes.  Created ProP\_LoopIT repository and sharing necessary documents and windows form application on it. |

WEEK 6

AGENDA FOR MEETING – 05/10/2015

Time: 12:30

Location: Room 2.40

TOPICS

1. What will be the dynamics of the web application registration? Should we give the users a personal log-in space? Or should we use another method for keeping users updated?
2. Discuss website and work done on it so far.
3. Finalize ERD diagram and discuss any changes that need to be made.
4. Discuss other requirements for the C# applications. Should we include class diagrams/hierarchy in the set up document about C# applications?
5. Discuss what process or framework to use in creating UID's for the C# applications.

Meeting minutes:

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| Topic of discussion |
| 1. It is good to give users the personal log-in space, this feature could be in the SHOULD. It is possible to choose another way like sent an email to the client to confirm their registration. In this case, need to take care the validity of email and some security problems. |
| 1. Discussed on 4 webpages: registration page, payment request page, camp reservation and contact page. It’s should add client-side validation for the field that must be entered by users and checked for some special input like email. |
| 1. Discussed on ERD design. |
| 1. User Interface design should be implemented with Windows form application of Visual Studio. |

Task assignments:

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Continue working on the websites.  Combine all of webpages. |  |
| **2. Michel** | Continue working on News webpage  Work on user interface design for Loan material and exit event in C# application |  |
| **3. Bilal** | Work on process report for week 6.  Work on Camp reservation and checking the status of the event user interface design for the C# application | Prepared process report for week 7. Finished requirements and functionality document for pay-pal C# application. Wrote documentation for the ERD. Updated and wrote changes for the processes of the event as discussed in the previous meetings. Made UID for pay-pal app and camp reservation app in Visual Studio C#. |
| **4. Thanh** | Prepare task assignment, process report, minutes and compile all the members' work.  Work on starting up project for windows application.  Work on entrance event and food and drink UID’s for C# application.  Update the database – add one more field for payment status (in advance or not) | Prepared task assignment, process report, minutes and compile all the members' work.  Worked on starting up project for windows application, implemented the main form.  Worked on the UID’s design for food and check in at the entrance of the events. |

WEEK 5

AGENDA FOR MEETING – 28/09/2015

Time: 12:30

Location: Room 2.40

TOPICS

1. What process should be for depositing money on RFID bracelets?
2. Will the payment for deposits be made in cash or other way? We propose either of 3 ways:

* Have C# application for the deposits where you accept cash from the participant and update his/her balance.
* Allow user to make a large payment when he/she registers so they can spend more.
* Allow the participant to pay by some terminal that uses PayPal.

1. Discuss ERD design and documentation up to this point *(Set-up documents, chapter 4)*
2. Discuss progress on website – Link website: <http://athena.fhict.nl/users/i295945/ProP/index.html>

Meeting minutes:

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| Topic of discussion |
| 1. Discussed on payment processes. Payment in cash WOULD be implemented and the actual payment implementation through the website is optional, SHOULD/WOULD be implemented. |
| 1. Discussed on RFID functionalities. |
| 1. Discussed on ERD diagrams. |
| 1. Focus more on implementation of the website. Each person should be implemented one or two webpage(s). |

Task assignments:

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Continue working on the websites |  |
| **2. Michel** | Work on the website: implement News webpage and Contact pages. | Worked on Contact webpage.  News webpage needs further information about the festival. |
| **3. Bilal** | Work on process report for week 5. Work on camp reservation webpage. | Worked on event registration webpage. |
| **4. Thanh** | Prepare task assignment, process report, minutes and compile all the members' work. Work on event registration webpage and update the database model. | Worked on process report. Worked on ERD.  Worked on event registration webpage. |

WEEK 4

Time: From 21/09 to 27/09/2015

AGENDA FOR MEETING – 21/09/2015

Time: 12:30

Location: Room 2.40

TOPICS

1. Discuss on the payment for food and drinks and hire camping materials
   * Is it necessary to asked visitors pay a deposit for the items that they rent and return this amount when visitors leaving after the events?
   * Can visitors allow to pay more than the balance amount and they will pay latter on when they check out?
2. There is still confusion on what exact format must be followed for the setup documents pertaining to C# applications.
   * Currently we're designing the C# apps haphazardly and we need to address on having a single format
3. For the setup documents for the C# applications is agreed that:
   * It is agreed that we have to define the process that each C# app will facilitate
   * It is agreed that we use the MoSCoW format to outline priority for the requirements for each application
4. What additional concrete measures should we take in the design stage of the C# applications to make the implementation and programming process of the applications easier?

Meeting minutes:

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| Topic of discussion |
| * Feedback on process report: complement the matrix of task division. |
| * SHOULD ask visitor pay a deposit for the loaning items. |
| * Focus more on the database design and built up the real database. |

Task assignments:

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| **Name** | **Task Assignment** | **Tasks Status** |
| **1. Roman** | Start programming the web pages **Target:**  Index/Home page, | Worked on starting project of website. |
| **2. Michel** | Make designs and plan for webpages for registration, making event account payment, and camp reservations as discussed in our last meeting. If possible start coding in html as well. | Worked on designs and plan for webpages. |
| **3. Bilal** | Work on process report for week 4. Work on documentation for the ERD design. Work on design and functionalities C# application for converting pay-pal text file. Also make class diagrams if possible for the C# application. | Worked on process report  Worked on design and functionalities. |
| **4. Thanh** | Prepare task assignment, process report, minutes and compile all the members' work. Work on ERD in data modeler. | Worked on process report  Worked on minutes Worked on ERD in data modeler and generated DLL file. |

WEEK 3

Time: From 14/09 to 20/09/2015

AGENDA FOR MEETING – 13/09/2015

Time: 1:15 pm

Location: Room 2.40

TOPICS

1. Discuss what identification system to use for the visitors (RFID or QR code).

* Discuss on the implementation tasks required for the identification method that we select.

1. Discuss the exact payment details and check out process for the camping site.

* Case says that payment would be made after the visitors decide to check out of their camping sites? Discuss pros and cons of that.
* Can payment for camping site be made in advance? Is financially more sound because there could be problems with visitors not paying when they check out.

1. Discuss website site-map, format and layout design.

* Discuss the functionalities that the website has to have within the MoSCoW framework.
* What other important additions or deletions need to be made with regards to the website?

Meeting minutes:

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| Topic of discussion |
| * Feedback on project report |
| * Identification methods: recommend to choose RFID (QR code is not security, easy to copy) |
| * Payment for the camping slot, it COULD be made after the visitor decide to check out their camping sites. |
| * Website site – map, format and layout design look good. Recommend that the implement of web pages should follow the MoSCoW. It’s not necessary to build up all of them |

Resolutions

1. It was decided in the last meeting that we will use RFID as the identification mechanism for the festival event
2. It was clarified in the last meeting that the payment for camp reservations must be paid in advance by the campers.
3. Apply MoSCoW framework to the website.

Task assignments:

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| Name | Task Assignment | Tasks Status |
| 1. Roman | Use MoSCoW method for the website design. Summarize the information requirements for the website and the step by step process of the websites functionality which would also help in the database design. | Worked on MoSCow method for the website. Started with website version 1. |
| 2. Michel | Work on database design and begin mapping of ERD. | ERD already started.  Worked on database design and the website functionalities. |
| 3. Bilal | Prepare task assignment, process report, minutes and compile all the members' work. Work on the systems requirements for the C# application for translating paypal text file and application for reporting on status of the event. | Worked on process report and agenda for week 4. Worked on preparing functional requirements for C# application for reporting. |
| 4. Thanh | Prepare task assignment, process report, minutes and compile all the members' work. Work on the system requirements of the C# application to be used at shops and stand for loaning material. | Worked on process report.  Worked on the setup documents  Worked on the functionalities for sale food & drink application  Worked on the functionalities for loan materials. |

WEEK 2

Time: From 07/09 to 13/09/2015

Meeting minutes:

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| Topic of discussion |
| 1. Disagreement about the logo Revise and create the website |
| 1. Make process report that contains all the minutes of meetings, task assignments and the status of the tasked ( completed or not, solution & problems) |
| 1. Discuss on some questions coming up on week 1  * Shall every participant in the event have to have a camping reservation? No, not all participants have to have a camping reservation. * Enable online payments using text files but do not limit applications such that they will not accept cash payments. * Integrate Twitter, Facebook etc. into the website. |
| 1. Prioritize tasks using MOSCOW/MOSQUITO. |
| 1. Make concrete task assignments for each group member. |

Resolutions:

1. Our members decided on the proposal to have a jazz music festival and all our project plan would be made in accordance with the goal of trying to organize this music festival.
2. Roman has been assigned to recreate the logo and the new name decided for the group is Loop IT.
   1. 
3. Not all participants in the event need to have a camping reservation. This leaves the possibility for day visitors to the festival who would not be staying on the festival premises but will be able to visit the festival and participate in it nonetheless.
4. Use MosCow framework for prioritizing features and functionalities of the applications and website between what you must have, should have, could have and won't have

Task assignments:

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| Name | Task Assignment | Tasks Status |
| 1. Roman | Propose and work on web page hierarchy and a design layout for each of the webpages. Summarize the information requirements for the website and the step by step process of the websites functionality which would also help in the database design. | Worked on new group logo. Worked on sitemap and wireframe. Worked on description for the website. |
| 2. Michel | Make proposal for the event and outline the step by step processes needed for website registration functionality. | Working on it, checking different previous events and the way they were organized. For the website registration and functionality I have found the basic steps need to have our websites published and functional. I will keep evaluating the best option for our case. |
| 3. Bilal | Prepare task assignment, process report, minutes and compile all the members' work. Research and summarize the possible identification systems to be used in the event: QR code, barcode or RFID. Discuss the pros and cons for each method in next meeting and decide on an identification system. Begin work on outline and step by step functionality for entrance requirements for the event. | Worked on website plan documentation. Worked on identification system documentation for deciding what system to use (will discuss in next meeting with the coordinator).  Worked on documentation for the camping reservation app. |
| 4. Thanh | Prepare task assignment, process report, minutes and compile all the members' work. Begin work on outline and step by step functionality for entrance requirements for the event. Work on project plan. | Worked on process report.  Worked on the project plan.  Worked on the setup documents  Worked on the functionalities for entrance requirements for the event. |

Problems and suggested solutions:

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| --- | --- |
| Problems or questions | Solutions |
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WEEK 1

Time: From 31/08 to 06/09/2015

List of discussing point and results

1. Discussed and fingered out the name and the logo of group
2. Discussed and divided about the roles and tasks of every member group

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| **Role** | **Tasks** | **Name of member** |
| Group leaders  & Chairman | The initiator of the project  Has an overview, actual status of the project  Divides the tasks among the group members  Makes sure everybody understands what to do  Checks progress, if necessary adjusts the schedule  Contact to the client | Bilal, Roman |
| Secretary | Responsible for the process report  Arranges appointments  Makes note of agreements  Responsible for all project documentation  Together with the project leader responsible for the weekly agenda and minutes | Thanh |
| Quality manager | Responsible for the quality of the code and comments  Responsible for the designs  Agrees upon an style of coding and guards that  Guards the consistency between design and implementation  Implements a VCS preferably in SVN or Git  Guards the requirements and their implementation | Michel |
| Minute taker | Take note for every meeting minutes | Thanh |

* Discussed the list of question to interview the client base on the given case:

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| Questions |
| When people make a reservation for the event, is it mandatory to require them make a reservation for camping spot of their group simultaneously? - No  Is it possible if one group member reserve for all members of the group? |
| To make a reservation for a camping spot for a group of participants, one of them will get the bill? How is the way that the bill will be delivered to the participants (be informed by email with the identity number before the event and they will paid it at the camping during the event or they have to paid the deposit for renting? |
| For the deliverables, we have to deliver application to be used at the entrance of the event, entrance of the camping, at shops, at stand of loaning materials… Do you want to implement these applications independently or integrate them in one application? |
| About the idea that visitors can have the possibility to communicate about their experience via some social networks like Facebook, LinkedIn or Twitter. Could you explain more details about this idea? What are you expect for the website beside the possibility for visitor placing the tweeds? |
| What kind of identification should we designate for the visitors of the festival? The case lists RFID, barcode and QR codes. We should discuss the pros and cons of these identification systems. Also how do we enable these identification systems to allow visitors to pay for food and drinks as the case suggests. |
| What kind of layout design should we have for website? What kind of functionalities will it need eventually? |
| How would we maintain entrance/re-entrance and exit of participants of the event to the venue? (Again has to do with the identification method we use RFID, QR code etc.) |
| How do we setup a database and link the website and necessary applications to it? (This question should be discussed at a later stage because we do not know about it enough just yet.) This would be vital if we want to make the event a cash free event. |
| How to setup cash free transaction mechanisms at the stalls for food, drinks and material stalls. |

**List of things the festival has to have:**

Information sharing about event on social media such as facebook, twitter etc.

IT support on the ground -PC doctor- how do we set that up

Website for the event

**Requirements for website:**

Should have information about the event

Should allow users to make reservations for camping ground area

Each participant has to be assigned a unique identification number

Website should allow users to make payment deposits for the event