# Appendix A - ITA2 Website requirements (Deliverable B)

**Note**: All the new functionality you will add, is implemented with PHP. The exception is the JQuery code to update a part of your website after login was successful.

**Note:** Object Oriented concepts (e.g. classes) should be used for all your written PHP code. So every function will be wrapped in a class and use its member variables.

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| pcn | Student nr | Name |
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| Original ITA1 website URL | | http://athena.fhict.nl/users/i333702/ITA1Website/Pages/index.html |
| New ITA2 website URL | | http://athena.fhict.nl/users/i333702/ |

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| **ReqID** | **Functional Requirement** | **Where on your original website it will appear, and what kind of information it will show/ask?** |
| **MUST** | | |
| **1** | **A visitor of your site will be able to register as a new user (creating new user account)   Information is processed by PHP script and stored in database** | **Since we didn’t have implemented a login feature on our first website, we have first tried to gather feedback from users for the most user-friendly login. Based on that research, we will implement that feature on the top right corner on our website. It will ask the email and password of the user if he is already registered, other way it will open a new form allowing the new user to register by filling in his personal information. Then we will save those information in our database.** |
| **2** | **One or more pages will only be visible to logged in users (Describe what kind of page?)** | **The logged users will be able to see a page where we also inform him about some other events, a page containing their orders with information about their recent purchases, and also a contact pages that will allow them to directly take contact with the support team.** |
| **3** | **The pages only visible to logged in users, should be accessible by menu items. These items become visible when user logged in successful.** | **Those pages will be available once the user log in into their account and we will use a menu that will allow him to navigate between those different personal pages. This will only appear if the user have logged in successfully in their account.** |
| **4** | **Specific information about a visitor is shown when he returns to the site, whether logged in or not. e.g. Name of visitor, number of visits  (Functionality implemented with ‘Cookies’)** | **For that function we will use cookies on our website that will gather information from our users, and improve their interaction with our website. The main tasks for that function will be:**  **1. Set cookies**  **2. Get cookies**  **3. Save cookies in database?**  **4. If the cookie already exists, get it to the loop and keep counting.**  **5. Output the name of visitor and number of visits.** |
| **5** | **A visitor of your site can post information to your server that is stored in a database. (describe what kind of info)**  **e.g. forum, feedback on your site** | **For all our visitors, we will allow them to leave some quick and easy feedback. This will be available at any moment while they are navigating at our website. The main tasks for that function will be:**  **1. Connect to MySQL**  **2. Select database**  **3. Retrieve the post to the website**  **4. Insert and save the post to the database.** |
| **SHOULD** | | |
| **6** | **A user can enter information on one page which is taken over to another page.**  **e.g. If you order a product and go to the shopping basket, the product is still there**  **In this case ‘Session’ technique is used to persist the data.** | **The following function will be put into "Store" page of this website. If the user serves to any other webpage, the product that user have put into the cart will remain there until user choose the option to check out or cancel the payment.** |
| **7** | **When a user has registered successful a confirmation e-mail is sent to the provided e-mail address.** |  |
| **8** | **Information that was sent to your server and stored in the database can be changed or deleted (describe also what kind of info you are acting on)** | **This function will be added in "Store page". As the quantity of all products will be stored in the database. If user decided to purchase a product, the number of product quantity will be decreased. Furthermore, the database can also store user information. Whenever user request website to change their general information, The information will be changed or removed.** |
| **10** | **Dynamic update of menu with JQuery after login.** |  |
| **11** | **A logged in visitor can Upload file(s) to server via a form** |  |
| **11** | **A logged in visitor can Download files which were uploaded to the server.** |  |
|  | **<Add here your own “should” ideas>** |  |
| **(Some ideas to use for implementing any of the *should* items …)** | | |
|  | **Show a list of uploaded files/videos to users that visit your page** |  |
|  | **Use filtering on types/size/… of uploaded file.** |  |
|  | **Upload a profile photo’s per user** |  |
|  | **Your user can make an individual user page (profile page)** |  |
|  | **Comments can be added to photo’s by user who owns the photo’s** |  |
|  | **Add comments to photo’s by other users.** |  |
|  | **Create ranking of photo’s** |  |
|  | **Select text/photo’s/video’s from database & show it.** |  |
|  | **Count number of visits of each individual page (regardless of which user)** |  |
|  | **Count number of visits of each page per individual user** |  |
|  | **Create groups of users who can see only parts of the website (authentication combined with access to pages)** |  |
|  | **Change (css) style using php scripts.** |  |
|  | **Create menu based on which user(group) is logged in** |  |
|  | **Change structure of site based on which user(group) is logged in** |  |
|  | **Change content of 1 page based on which user(group) is logged in** |  |
|  | **Change content of whole site based on which user(group) is logged in** |  |
|  | **Administrator page to manage users** |  |
|  | **<your own proposals go here>** |  |
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