Requirements

# User Accounts

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| --- | --- | --- |
| Requirement | Classification | Done? |
| User’s must be able to sign up using unique username and password |  | Done |
| Users should then be able to login using a session supported by a cookie storing session ID |  | Add session cookie ID |
| User should be able to enter account data which is stored in a database table |  | Done |
| Information should be submitted using a simple form   * First name * Surname * Email address * DOB * Telephone number |  | Done |
| * Check a valid first name has been supplied AND that it’s not too long for the database table * Check a valid surname has been supplied AND that it’s not too long for the database table * Check an email address has been supplied AND that it’s a valid email address AND that it’s not too long for the database table * Check a date of birth has been supplied AND that it’s a valid date * Check a telephone number has been supplied AND that it’s a valid telephone number AND that it’s not too large for the database table |  | Done |
| Site should feature an admin account (username: admin, password: secret) |  | Done |
| Admin should be able to access a list of all users, when clicking a username view the user’s associated data (create\_data.php should create fake profile data for a sensible number of users to test this functionality) |  | Done |
| Admin should be able to manage user accounts such as:   * Change a user’s password, * Create a user account * Delete a user account |  | Done |
| Admin should be able view and manage all user surveys   * Amend or delete any questions or surveys deemed unsuitable |  | Done |
| All input should be sanitised on both the client and server |  | Done |
| Hash passwords |  | Done |
| Salt passwords |  | Done |
| Password generation |  | Done |
| Allow user to edit their own data |  | Done |

# Survey Management

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| Requirements | Classification | Done? |
| In its simplest form, users should be able to activate and share a simple survey that already exists as part of the overall site  (a PHP file containing a survey that has already been created by you). This simple survey should contain at least 5 questions and use at least 3 different types of question |  | Done |
| There should be a database that will collect the responses of each participant |  | Done |
| Survey should have a type and topic |  | Done |
| Users must be able to create their own surveys   * Set title and instructions * Decide how many questions there will be * Choose question types * Set the wording or information presented as part of the questions and response options * Have a unique URL for each survey |  | Done |
| Option to delete survey |  | Done |
| Fix user cannot delete survey if survey has responses |  | Done |
| Users should be able to answer survey |  | Done |
| Add required questions |  | Done |

## Extras:

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| Requirement | Classification | Done? |
| Mandatory questions that must be answered |  | Done |
| Use of logic in survey progression (e.g. “If the answer to Q6 is YES then go to Q10 otherwise go to Q7”) |  |  |
| Follow-up questions related to previous question responses (e.g. “Earlier, you rated our product as somewhat poor, please explain your reasons for this choice”) |  |  |
| Questions that require participants to watch a video or perform a task before answering |  |  |
| Questions demanding different types of interaction (e.g. selecting a point in two-dimensional space, such as a graph or image) |  |  |
| Questions that display examples of existing responses and ask the participant to provide their own view or opinion (e.g. “Here is a summary of how others have rated this product, do you agree with this response?” |  |  |

# Survey results

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| --- | --- | --- |
| Requirements | Classification | Done? |
| View raw survey data |  | Done |
| Perform high level summaries of it depending upon question types |  |  |
| Types:   * View all survey responses in a table * Indicate total number of survey responses * Indicate total number of responses to each survey question |  | Do point 3 |
| Graphs (of survey and question responses) (use Google charts or JS plugins):   * Bar, line, pie, column |  |  |
| Export raw survey responses in CSV |  | Done |

Extras:

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| --- | --- | --- |
| Requirement | Classification | Done? |
| Update the results page dynamically, without the user having to reload the page |  |  |
| Being able to filter results (e.g. “Show me the ratings for my product only from participants who own a dog”) |  |  |
| Export filtered survey responses (e.g. “Export only the raw data from participants between the ages of 21 and 45”) in a suitable format (CSV, XLS, etc.) |  |  |
| Graphs showing the distribution of responses, such as for questions using a Likert scale2 etc. |  |  |
| Cross-plotting data from questions (e.g. “Plot participant age against their rating of the product to see if there is a trendline”) |  |  |
| Word clouds for participant text box responses. You should investigate JavaScript libraries that can be used to help |  |  |
| Suitable statistics for questions and surveys (e.g. “What is the mean, minimum and maximum survey participant age?”) |  |  |