Industry Partner Database - Work Schedule

**Work Schedule**

**Week 3 & 4 ( 02/14 - 02/27 )**

The team will reconstruct the web form by using the major deliverable of the ISME team.

The web form will be modified and updated with the new form fields approved by the client.

* The team will work on Form Validation, Cross-Browser Compatibility, UI/UX, and Mobile Responsiveness of the Web Form.
* The team will improve the semantics of the Form.
* The team will program the Web Form with high Cohesion (reusability) and low Coupling (dependence).
* The team will have meetings with project sponsors and stakeholders to discuss changes, improvement and gather valuable feedback.

Individual Work Assignments ( 02/14 - 02/27 )

Sailesh Rajanala ( 02/14 - 02/27 )

* Adds new **HTML** fields to existing form
* Updates Form field’s **CSS** to match their functionality with animations
* Adds **Javascript** functionality to the form to display option-specific form fields
* Works on php form validation regarding bad input detection

(input containing **HTML** / **php** / **MySQL** code that could break the webpage)

Subash Acharya ( 02/14 - 02/27 )

* Works on **php** form sanitization
* Works on getting input from user to **php** to process and to database
* Works on syntax for the html provided so it is properly rendered in the browser.

Priyanka Limbu ( 02/14 - 02/27 )

* Add new **HTML** fields to update the form
* Make **CSS** updates in the form fields
* Provides Research results about test questions for checking the **spam entries**
* **Contact** the **Media Resources Center** for access to the deployment domain.

(Web page to load **web form** and the **database results**)

Shiva Karki ( 02/14 - 02/27 )

* Checks usability of **reCAPTCHA,** adds test questions on the form if needed.
* helps to add new HTML and CSS updates in the form.
* Comment the code.
* **Contact** the **Media Resources Center** for access to the deployment database management system.

(**phpMyAdmin** tool to manage Database)

**All team members will meet the Project sponsor Dr. Cindi Mason to showcase their work.**

The main objective of the meeting with the Project sponsor is to gather a lot of feedback on the current version of the project as well as on any future suggestions or improvements.

**Possible Meeting Date : 02/27**

**Week 5 - 7 ( 02/28 - 03/20 )**

The team will recreate the unified database to meet the requirements of the new and updated web form. The new Database will now be updated with new fields of the updated web form (**ISME Deliverable**).

* The new database should be updated with the new form fields as new columns.
* The updated Database should respect Referential Integrity.
* The Database should also be updated to support form entities from multiple time zones around the world.
* The team will have meetings with project sponsors and stakeholders to discuss changes, improvement of the database functionality and gather valuable feedback.

Individual Work Assignments ( 02/28 - 03/20 )

Sailesh Rajanala ( 02/28 - 03/20 )

* Helps the team in planning an efficient and a reliable way to store/export form fields
* Adds new fields to the Database
* Works on Timezone issue of the Database
* Meets with Project Sponsor Dr. Cindi Mason, to discuss new additions and limitations

Subash Acharya ( 02/28 - 03/20 )

* Helps the team in planning an efficient and a reliable way to store/export form fields
* Adds new fields to the Database
* Meets with Project Sponsor Dr. Cindi Mason, to discuss new additions and limitations
* Works on making sure the user input information doesn't create problems with the existing syntax of html and php

Priyanka Limbu ( 02/28 - 03/20 )

* Helps the team in planning an efficient and a reliable way to store/export form fields
* Adds new fields to the Database
* Works on Timezone issue of the Database
* Meets with Project Sponsor Dr. Cindi Mason, to discuss new additions and limitations

Shiva Karki ( 02/28 - 03/20 )

* Helps the team in planning an efficient and a reliable way to store/export form fields
* Adds new fields to the Database
* Meets with Project Sponsor Dr. Cindi Mason, to discuss new additions and limitations

**All team members will meet the Project sponsor Dr. Cindi Mason to showcase their work.**

The main objective of the meeting with the Project sponsor is to gather a lot of feedback on the current version of the project as well as on any future suggestions or improvements.

**Possible Meeting Date : 03/20**

**Week 8 - 10 ( 03/21 - 04/10 )**

The team will reinitialize the web server to meet the needs of the updated database and refine the dynamic webpage to display more data.

* The team will focus on the two main functionalities of the web server.
  + Back-End Strict Form Validation
  + Data Retrieval
* The web server should be able to run multiple database management system queries and retrieve data as per a wide range of filters specified by the user.
* The team will then update and refine the dynamic webpage or the database driven web page to meet the needs of the updated database and to display new metadata or more information of user’s submission.
* The dynamic web page should include the new features requested by the client, like an option to **filter, export, and search** information.
* The team will have meetings with the project sponsor to discuss changes, improvement of the dynamic web page functionality and gather valuable feedback.

Individual Work Assignments ( 03/21 - 04/10 )

Sailesh Rajanala ( 03/21 - 04/10 )

* Helps the team in coding **Security feature** that prevents multiple duplicate submissions
* Helps the team in updating the **Dynamic webpage** that retrieves data from database
* Works with the team in updating the functionality of **Search** & **Export** features to meet the requirements of the new database
* Works with the team in coding (creating) the **Filter** function for the dynamic webpage
* Updates the dynamic web page to handle **large number** of entries

Subash Acharya ( 03/21 - 04/10 )

* Helps the team in coding **Security feature** that prevents multiple duplicate submissions
* Helps the team in updating the **Dynamic webpage** that retrieves data from database
* Works with the team in updating the functionality of **Search** & **Export** features to meet the requirements of the new database
* Works with the team in coding (creating) the **Filter** function for the dynamic webpage

Priyanka Limbu ( 03/21 - 04/10 )

* Helps the team in coding **Security feature** that prevents multiple duplicate submissions
* Helps the team in updating the **Dynamic webpage** that retrieves data from database
* Works with the team in updating the functionality of **Search** & **Export** features to meet the requirements of the new database
* Works with the team in coding (creating) the **Filter** function for the dynamic webpage

Shiva Karki ( 03/21 - 04/10 )

* Helps the team in coding **Security feature** that prevents multiple duplicate submissions
* Helps the team in updating the **Dynamic webpage** that retrieves data from database
* Works with the team in updating the functionality of **Search** & **Export** features to meet the requirements of the new database
* Works with the team in coding (creating) the **Filter** function for the dynamic webpage

**All team members will meet the Project sponsor Dr. Cindi Mason to showcase their work.**

The main objective of the meeting with the Project sponsor is to gather a lot of feedback on the current version of the project as well as on any future suggestions or improvements.

**Possible Meeting Date : 04/10**

**Week 11 - 13 ( 04/11 - 05/01 )**

In the last few weeks, the team will focus on the implementation and on the testing of the product.

* For implementation, we will get help from the Media Resources Center of the University to implement the web pages (web form, dynamic webpage) on the university’s web server.
* The team will also work on the marketing video of the product. The team will have meetings with the project sponsor to brainstorm ideas of implementation and the method of delivery.
* For the testing, the team will focus on Cross-Browser Compatibility and Mobile Responsiveness.
* The team performs the product testing by programming a query algorithm that can generate random queries to test the database with random queries of insertion, modification, and deletion of entries.
* The team will also create a **User manual** and a **Training Manual** (for maintenance).
* The team will have meetings with the project sponsor to discuss changes, improvement of the product reliability and gather valuable feedback.

Individual Work Assignments ( 04/11 - 05/01 )

Sailesh Rajanala ( 04/11 - 05/01 )

* Tests **Multiple Time Zone Support** for the Database
* Helps the team in creating the **User manual** and a **Training Manual** (for maintenance)
* Helps the team with the **Marketing Video.**

Subash Acharya ( 04/11 - 05/01 )

* Tests **PhP validation and sanitization** to make sure the information entered by the user is correctly processed.
* Helps the team in creating the **User manual** and a **Training Manual** (for maintenance)
* Helps the team with the **Marketing Video.**

Priyanka Limbu ( 04/11 - 05/01 )

* Tests **Mobile Responsiveness.**
* Helps the team in creating the **User manual** and a **Training Manual** (for maintenance)
* Helps the team with the **Marketing Video.**

Shiva Karki ( 04/11 - 05/01 )

* Tests **Cross-Browser Compatibility.**
* Helps the team in creating the **User manual** and a **Training Manual** (for maintenance)
* Helps the team with the **Marketing Video.**

\* Information regarding **Multiple Time Zone Support, Cross-Browser Compatibility, Strict Form Validation and Sanitization, and Mobile Responsiveness** is found in the **Testing Requirements** **below** \*

**All team members will meet the Project sponsor Dr. Cindi Mason to showcase their work.**

The main objective of the meeting with the Project sponsor is to gather a lot of feedback on the current version of the project as well as on any future suggestions or improvements.

**Possible Meeting Date : 05/01**

Weekly Work Schedule

**Team Meetings - Pair Programming**

Tuesdays and Thursdays

3 p.m. – 5 p.m.

**Team Meeting – Weekly Minutes**

Fridays

7 p.m.

**Team Meeting – Study**

Saturdays and Sundays

7 p.m.