Balraj Singh

**Section 1**

Task 1

Client Details

|  |  |
| --- | --- |
| Client Name | Sehajdeep Kaur |
| Project Name | EMDA |
| Email | Sehajdeep456@gmail.com |
| Phone | 028765437 |
| Expected Date | 17 nov 2021 |

Project Deliverables

The Project deliverables are:

Final Report: This will be the final report of this project.

Coding: The code of the project will go under this.

Testing: All testing details will covered in this project.

Resource Requirements

* Asp.net MVC Framework
* Identity framework- ASP

Goals:

The main goal of this project is to implement an online web application using Asp.Net. The name of this web application will be “EMDAAdvanced” . User can manage staff by adding, editing, and checking details.

Task 2

**Requirements**

Scope of Work

With the help of MVC, I create web application on EMDA. Firstly, user must see frontend of this website, to sign in as a staff . They can work with CRUD operations. The name of the project is EMDAAdvanced. The main purpose of the application is help staff to clock in clock out. To sign out staff must give a reason. staff can edit their first name and last name but they can’t delete their information. New staff can enter and staff can also request for annual leave. User can register as a new user.

Target Audience

The target of the audience is to clock in and clock and out as a staff. If this website get chance to interact in market this will be suitable for the target audience and fulfil its main purpose.

Project Management and Timing

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tasks** | **Start Date** | **End date** | **Wednesday** | **Thursday** | **Friday** | **Saturday** | **Sunday** | **Monday** | **Tuesday** |
| 1. Planning | 1/11/2021 | 5/11/2021 | 4hr | 8hr |  |  |  |  |  |
| 1.1 Look through the Assessment |  |  |  |  | 8hr | 4hr |  |  |  |
| 1.2 Research about topic |  |  |  |  |  |  |  | 4hr |  |
| 1.3 Decide Topic |  |  |  |  |  |  |  |  | 4hr |
| **First Week (Total hours)32** |  |  |  |  |  |  |  |  |  |
| 2. Start Making Project | 5/11/2021 | 12/11/2021 |  |  |  |  |  |  |  |
| 2.1 Project proposal |  |  | 4hr | 8hr |  |  |  |  | 2hr |
| 2.2 Working on Modals |  |  |  | 8hr |  |  |  |  |
| 2.3 Create Database |  |  |  |  | 4hr |  | 6hr |  |
| 2.4 Designing Project |  |  |  |  |  |  |  | 4hr |
| **Second Week(Total hours)34** |  |  |  |  |  |  |  |  |  |
| 3. Documentation | 13/11/2021 | 17/11/2021 |  |  |  |  |  |  |  |
| 3.1 Application Testing |  |  | 4hr | 8hr | 8hr |  |  |  |  |
| 3.2 Responsiveness |  |  |  |  |  | 4hr |  | 4hr | 4hr |
| 3.3 Usability Testing |  |  | 4hr | 8hr | 8hr |  |  |  |  |
| **Third Week(Total hours)52** |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| **Total hours on Project(118)** |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

Cost

We sign contract as hourly payment. Client will pay $27 per hour. I mention each hour details on task in timing sheet. After done and submit this project client will calculate all the task and hours then he make a payment.

Total

Risk Management

**Step 1: Risk identification**

The first thing we do is identify potential threats and calculate their odds of coming up throughout the project – risk assessment. For that, we can use various tools and risk management techniques as well as the risk related knowledge from previous projects and other teams’ experience.

**Step 2: Analyse**  
During this stage, we assess the influence a particular risk has on a product. How serious is it?

**Step 3: Respond**

We identified the threats to the software development process, analysed and put a priority on them. Now it’s time to take action. This step depends on whether we can prevent the risk or reduce it as much as possible.

**Step 4: Monitor**When the plan is implemented, we observe the changes – did the strategy work? If not, we make the necessary alterations and try again.

Assumptions as a wireframes

Graphical user interface, text, application

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface, text

Description automatically generatedGraphical user interface, application

Description automatically generatedGraphical user interface

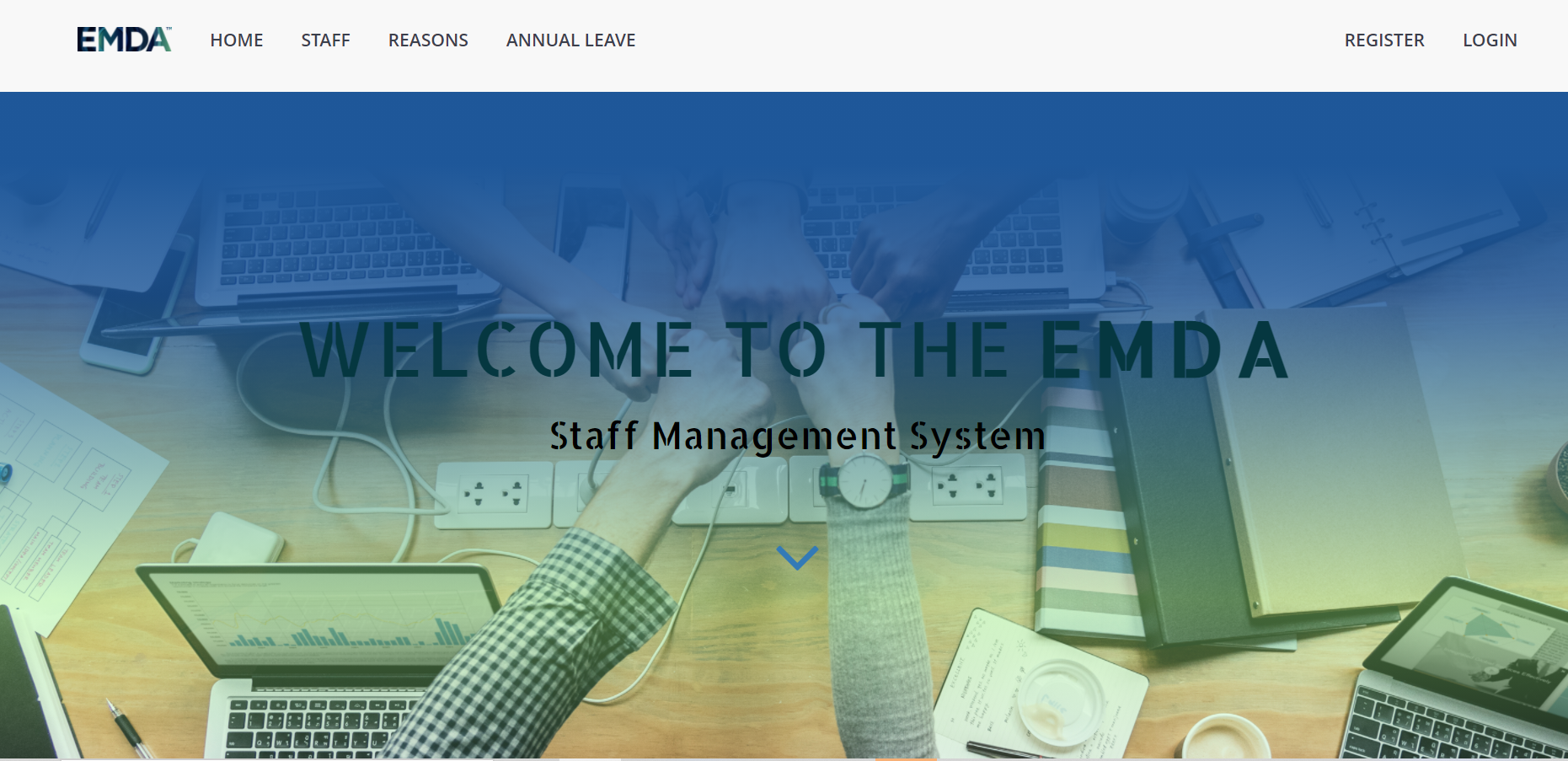
Description automatically generated

Task 3

**Design mockups**

There will be four pages in application Home, staff, Reason and Annual leave. Pages must be in navigation bar.

Home page

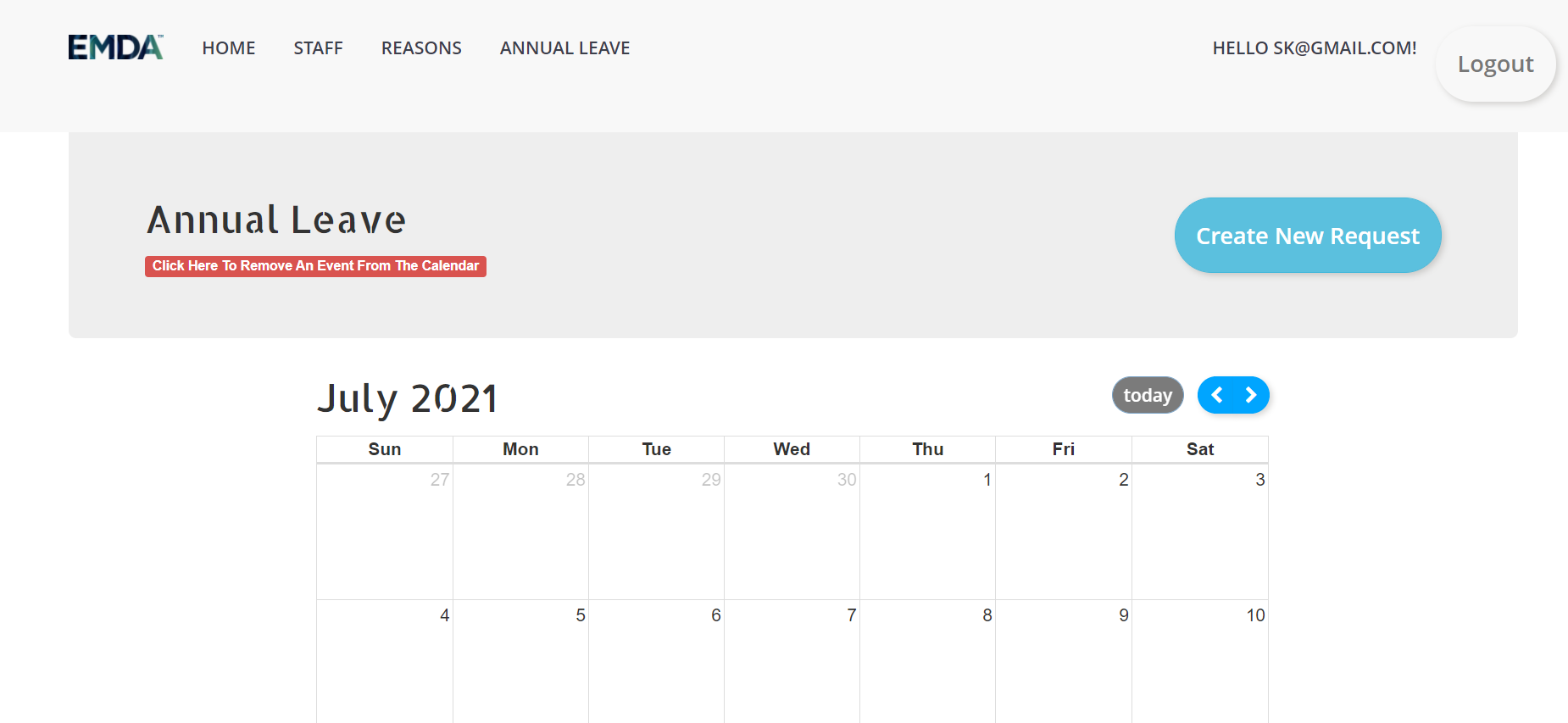


Staff Page

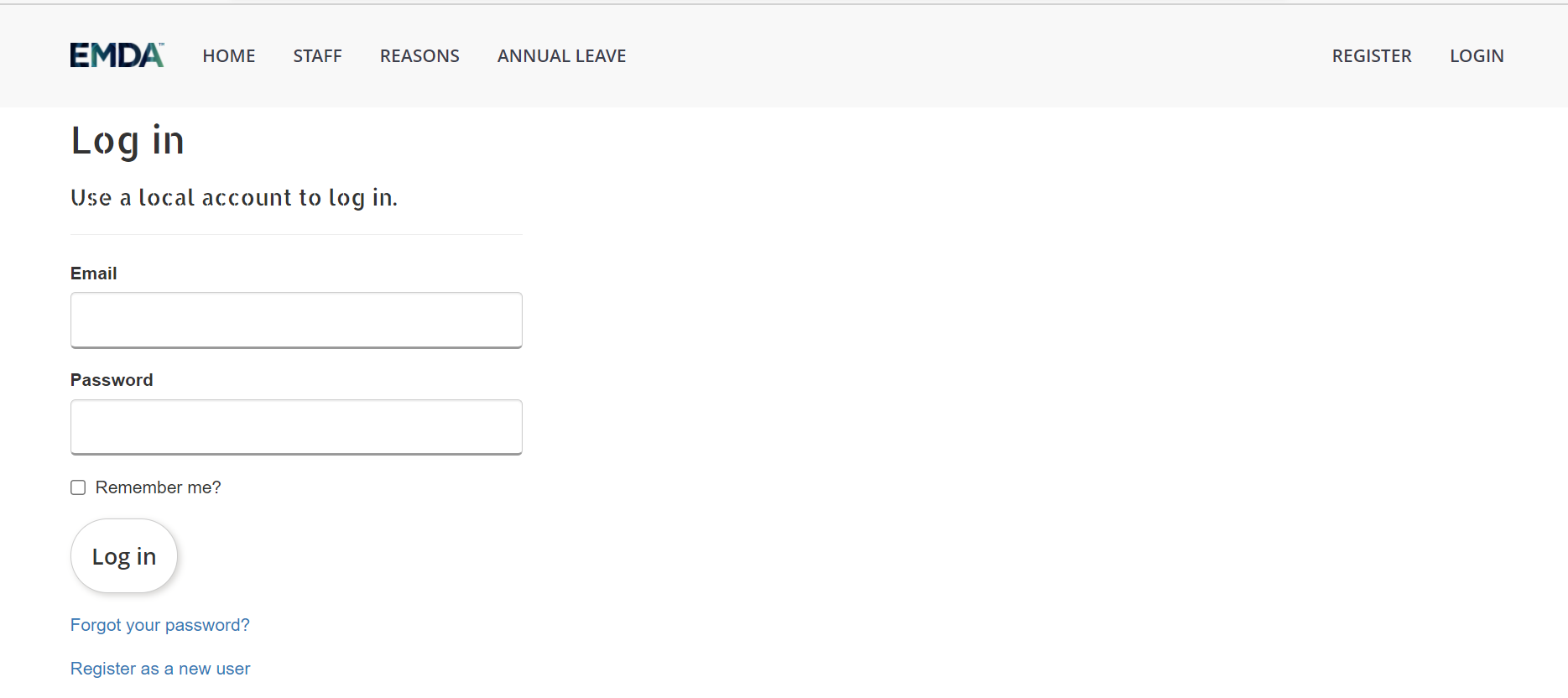
Graphical user interface, text, application

Description automatically generated

Annual Page



Login Page



Register Page

Graphical user interface

Description automatically generated with medium confidence

Review and Colour Scheme

I am Sehajdeep kaur as a client review the mock-up design, wireframes of initial design of my project. I really like this concept. I would like to proceed further.

I suggest something about colour combination in this project to my developer.

I like Blue and white combination in header and footer and choose any colour in middle.

**Section 2**

Task 4

## Coding

All the coding file attached here[..\ProjectFinalEMDAAdvanced.sln](../ProjectFinalEMDAAdvanced.sln)

Task 5

## Usability testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Testing | | | |  |
|  |  |
|  |  |
|  |  |
|  | **User1** | **User2** | **User3** |  |  |
| **Usability And Acessability** | **Agree** |  |  | **Disagree** | **Comments** |
| The application is loaded |  |  |  |  |  |
| The page is self explanatory and i know how to use it |  |  |  |  |  |
|  |  |  |  |  |  |
| **Functionality** |  |  |  |  |  |
| All buttons works correctly |  |  |  |  |  |
| Crud operation |  |  |  |  |  |
| Can, edit, delete and view details |  |  |  |  | **There is one error in delete staff entry which is coming from database** |
|  |  |  |  |  |  |
| **Readibility** |  |  |  |  |  |
| The font is easy to read |  |  |  |  |  |
| The Size and style of the font is easy to read |  |  |  |  |  |
| The combination between text color and background looks easy to read |  |  |  |  |  |
| Sufficient spacing |  |  |  |  |  |
|  |  |  |  |  |  |
| **Purpose** |  |  |  |  |  |
| The application is fulfill its purpose |  |  |  |  |  |
| The application is suitable for the target audience |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Steps** | **Details** | **Expected Result** | **Actual Result** | **Pass/Fail/Error** |
| 1 | Register page | Register page should open | Register page display | Pass |
| 2 | Login Page | Login page should open | Login page display | Pass |
| 3 | Home Page | Home page should open | Home page display | Pass |
| 4 | Staff Page | Staff page should open | Staff page display | Pass |
| 5 | Reasons Page | Reasons page should open | Reasons page display | Pass |
| 6 | Annual Leave Page | Annual Leave page should open | Annual page display | Pass |
| 7 | Buttons | All buttons should working correctly | All buttons work correctly | Error |
| 8 | Color Schema | White | Displayed | Pass |
|  |  |  |  |  |

Task 6

## Meet with your client

Client Hire me online from freelancer and we meet at Auckland at café on 15/10/2021. He describes me their project and requirements. After that we fix a Real meeting at their office for confirm all the requirements.

## Client Review Form

My developer’s name: **Balraj Singh**

This form is intended to let you review the communication skills of your developer for this assignment. Your review will partly count towards their final mark. Do not take into account technical skills.

Grading scale

You must grade your developer for each item listed in the tables below. 1 being the lowest, 5 the highest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| Strongly disagree | Disagree | Ok | Agree | **Strongly agree** |

Review your developer

|  |  |  |
| --- | --- | --- |
| Item | Grade | Comment |
| Communicated clearly and effectively | 5 | Communicate on time and on call |
| Kept you informed of the progress | 5 |  |
| Met timelines | 5 |  |
| Responded promptly to problems | 4 |  |
| Met overall project objectives | 5 |  |
| Was open to new ideas and suggestions | 5 |  |
| Was easy to work with | 4 | Yes, It is very easy to work |

## Comments

Provide any extra comments on your developer’s communication skills and professionalism.

He is very good and fulfil all the requirements

**Signed by Client**

|  |  |
| --- | --- |
| **Signature: Sehajdeep kaur** | **Date: 17/11/2021** |
| **Name: Sehaj deep** | **Title: Final Project** |
| **Contact details (email/Tel):** **Sehajdeep456@gmail.com** | |

**Section 3**

Task 7

## Presentation

You can check My Presentation on here[..\Balraj Presentation.mp4](../Balraj%20Presentation.mp4)

Task 8

## Software Development Life Cycle

Diagram

Description automatically generated

Planning

Planning of the project is done in word file [Planning, Cost , Testing.xlsx](Planning,%20Cost%20,%20Testing.xlsx)

Where I mention about how I plan, read requirements, Choose platform , And start work With Planning.

Analysis

After done planning, I research about topic, problems and risks . Make project proposal.

Design

Firstly, Start with Wireframes. I make wireframes related to my expected design. After client confirmation I start implementation and here client give me detail about colour scheme. [Mockup Designs](Mockup%20Designs)

Implementation

After the Mockup designs , I implement everything according to my initial planning. Using code first technique I make MVC project according to client requirement.

[..\ProjectFinalEMDAAdvanced.sln](../ProjectFinalEMDAAdvanced.sln) You can go to this link and check code performance.

Task 9

## Project Management

Project management is an ever-evolving field that requires a number of approaches to be successful. Learning the most popular project management methodologies can help you become an industry expert.

 The agile project management methodology is one of the most common project management processes. But the reality is that Agile isn’t technically a methodology. Instead, it’s best defined as a project management principle.

The basis of an Agile approach is:

* Collaborative
* Fast and effective
* Iterative and data-backed
* Values individuals over processes

When it comes to putting the Agile manifesto in place, teams often choose specific methodologies to use alongside Agile. These could include Scrum, Kanban, extreme programming, crystal, or even Scrumban. That's because connecting Agile methodology with a more detailed approach produces a well-rounded project management philosophy and a tangible plan for delivering great work.

The Agile framework can be used for just about any team. This is because the principle behind it is rather universal. The real trick is deciding which methodology to use with it.