PIP-103: PROFESSIONAL PRACTICE-III (INTERNSHIP)

Review-1 Presentation

FRONT END DEVELOPMENT

Submitted to the Presidency University, Bengaluru in fulfillment of the requirements for the PIP-103: PROFESSIONAL PRACTICE-III (INTERNSHIP)

Under the supervision and guidance of

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PIP-103: INTERNSHIP STUDENT DETAILS

Review-1 Presentation

	STUDENT NAME	ROLL NUMBER	SEM	SECTION
Student 1 Name	**PRAJWAL DORAI**	20201IST0045	7TH SEM	7-IST-1
Student 2 Name	**JESHURUN B**	20201ISI0024	7TH SEM	7-IST-1
Student 3 Name	**SOLOMON BOBBY KURIAN**	20201IST0030	7TH SEM	7-IST-1

About Company or Organization: Crecientech Infosystem

Crecientech **Infosystem** is a service oriented company that strives at providing exceptional software development solutions to its clients using cutting edge technologies.

Their solutions are the result of a unique blend of insight, innovation, and a profound understanding of cutting-edge technologies, setting them apart from other companies.

They offer a perfect combination of expertise, supported by tools, methodologies, and industry best practices, all of which serve to minimize the costs and risks associated with deployments.

About Company or Organization:

Industry/Expertise: Software Development & Services

Company size: 150-200 employees, 6 interns

Headquarters:Bengaluru, Karnataka

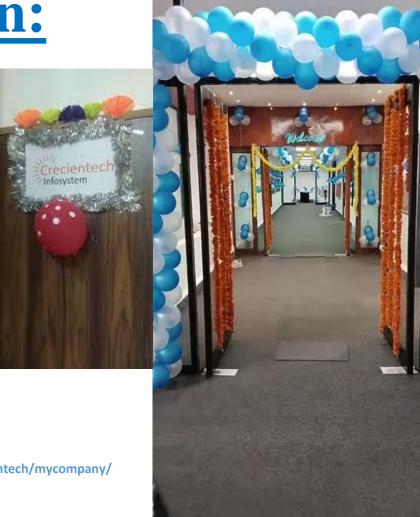**Location**: #135, 7th Main Rd, 4th Block, Jayanagar, Bengaluru, Karnataka 560011

www.linkedin.com/company/crecientech/mycompany/

https://www.crecientech.com/

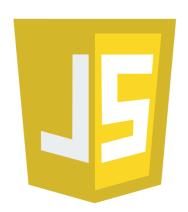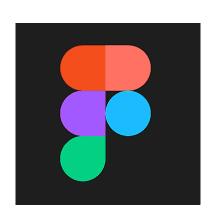# Company Partners:

Company Clients:
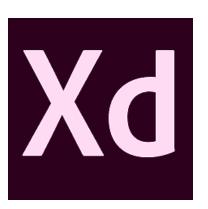
WORKING DOMAIN / TECHMOLOGY

- **Domain:** UI & UX, Front end Development

- **Technology:** Hyper Text Markup Language(HTML5), Cascading Style Sheets, JavaScript(JS),Figma/Adobe XD

ABOUT THE WORKING TEAM

	NAME	JID(company id)	ROLE
Student 1 Name	**PRAJWAL DORAI**	INT04	Front End Developer, Ui&UX Designer
Student 2 Name	**JESHURUN B**	INT06	Front End Developer
Student 3 Name	**SOLOMON BOBBY KURIAN**	INT09	Front End Developer

REVIEW OF THE EXISTING WORK

❖ Post the mind map meeting, we had begun and have now successfully completed the Ui/Ux of the OCR website.

❖ After the ui we immediately started off with the development work and designed the sign in and sign up page using technologies such as HTML,CSS and JS.

❖ Our process was simple yet complex as we encountered a set of challenges which shall be explained shortly.

ROAD MAP OF THE EXISTING WORK-UI/UX

Step 1
- Understand the user Requirements

Step 2
- Designed the User Interface
- Got It reviewed/Approved

Step 3
- Changed the UI as per changes made after the first draft with manager

Step 4
- Got it changed and held another scrum meeting in 2 days

Step 5
- Got the final UI approved by the manager and Dev team.
- Started the front end dev of the project

WORK PROGRESS:

- Used Figma tool in order to design the front end User interface.

- Added prototypes and animations to the design to make it look more appealing and responsive.

- Collaborated with the entire dev team and explained to them the working as well the animations used and made sure that they are compatible with Cascading style sheets(CSS).

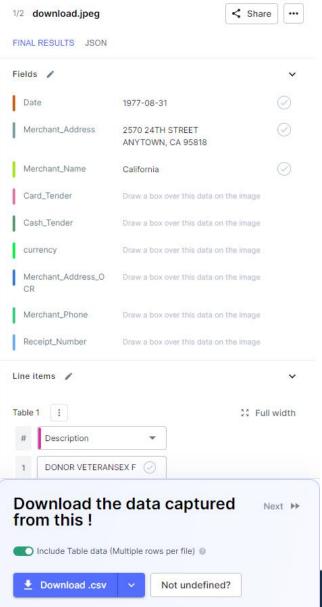- Started the front end dev for the sign in and sign up using HTML,CSS and JS.

DEMONSTRATION THE EXISTING WORK-UI/UX

DEMONSTRATION THE EXISTING WORK-UI/UX

IMPORTANCE & RELAVENCE OF WORKING TECHNOLOGY: OCR WEBSITE

- Talking about its importance and relevance, we have a various set of points which we 3 interns have encountered during the process of our internship which are mentioned below respectively.

IMPORTANCE & RELEVANCE OF WORKING TECHNOLOGY:

IMPORTANCE:

- **Streamlined Identity Verification** : Our OCR website enhances identity verification processes by swiftly extracting details from identity proofs like Aadhar cards and driver's licenses.

- **Efficient Resume Screening** : The system automates resume scanning, filtering applicants based on specific keywords. This expedites the hiring process for companies.

- **Digital Document Archiving** : Documents are converted into digital copies, usually in PDF format, facilitating easy storage and sharing.

- **Adaptability to Various Document Types:** The OCR functionality extends to a range of documents, ensuring versatility in application.

CONT.

- **Database-Driven Information Management** : Extracted data is stored in a digital database, providing an organized and accessible repository for future reference.

- **Time and Resource Efficiency** : Our OCR website optimizes document processing, saving time and resources for businesses and organizations.

- **Promoting Paperless Practices** : By creating digital copies and embracing OCR, we contribute to the larger goal of reducing paper usage and promoting eco-friendly practices.

IMPORTANCE & RELEVANCE OF WORKING TECHNOLOGY:

RELEVANCE: USE CASES

- **Text Extraction from Images:** OCR technology enables the extraction of text from images or scanned documents. This is crucial for digitizing paper-based information, making it accessible, editable, and searchable.

- **Enhanced Accessibility:** OCR websites play a vital role in enhancing accessibility for individuals with visual impairments or other disabilities. By converting text within images into readable formats, OCR facilitates access to information that might otherwise be inaccessible.

- **Digitization of Documents**: Many organizations have a vast amount of information stored in physical documents or non-editable digital formats. OCR helps in the digitization of these documents, making it easier to manage, store, and retrieve information electronically.

CONT.

- **Search ability and Indexing:** OCR-processed text can be indexed and searched, improving the efficiency of information retrieval. This is especially important for businesses and individuals dealing with large volumes of documents who need quick access to specific information.

- **Automation and Data Entry:** OCR websites are used to automate data entry processes by extracting relevant information from documents. This can save time and reduce errors associated with manual data entry tasks.

- **Education and Research:** OCR facilitates the conversion of printed materials into digital formats in educational and research settings. This includes digitizing textbooks, historical documents, and research papers for broader accessibility and preservation.

LEARNINGS UNTIL NOW

- Communication Skills in real corporate world and its importance.

- The importance of Time management and respecting the deadlines.

- Learnt how to get things to the point in scrum meetings and weekly team meetups.

- Taking up things as a challenge and striving to achieve it with the guidance of team manager and colleauges.

- Managing office work as well as college work simultaneously without hampering the quality of work

CHALLENGES FACED

- **User Experience and Accessibility:**
  - Designing an intuitive and accessible user interface is crucial. Ensuring that the OCR website is user-friendly and accessible to individuals with disabilities adds an extra layer of complexity.

- **Accuracy and Reliability:**
  - Achieving high accuracy in OCR results is a technical challenge, but it also has real-life implications. Inaccurate character recognition could lead to errors in extracted information, impacting the usability and reliability of the website.

- **Language Variations:**
  - OCR systems may perform differently based on language variations, fonts, and writing styles. Handling diverse languages and cultural nuances can be challenging for OCR accuracy.