HOME OF LOVE A project Report

Submitted in partial fulfillment of
The requirements for the award of the
BACHELOR DEGREE
Computer Application
University of Calicut
Submitted By
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In

From

Department of Computer Application Safa College of Arts & Science

MARCH 2025
POOKKATTIRI

Safa College of Arts & Science

This is to certify that the project report entitled “HOME OF LOVE” is a record of thework done by MUHAMMED RABEEH (SFAWBCA023) , NAJI NIHAL VK(SFAWBCA025) , SHAMIL RASHEED T(SFAWBCA027) , JANFISHALMUHAMMED (SFAWBCA044) under our

supervision and guidance. The report hasbeen submitted in partial fulfillment of the requirement for the award of the BachelorDegree in Computer Application from the University of Calicut for the year 2025.Submitted for the University Exam on:

POOKKATTIRI

Certificate

Head of the department: Project coordinator:Mrs. Asia. P

Mrs.Irfanath Submitted to the project and viva-voce examination held on -----/-----/----

GET INSPIRED

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Date: 11/03/2025

CERTIFICATE

This is to certify that **MUHAMMED RABBEH.K (SFAWBCA023), NAJI NIHAL V.K (SFAWBCA025), SHAMIL RASHEED T (SFAWBCA027), JANFISHAL MOHAMMED (SFAWBCA044),** students of **SAFA COLLEGE OF ARTS AND SCIENCE** has successfully completed their academic project entitled **"HOME OF LOVE"** in **PYTHON with FLUTTER** under the guidance of our senior developers during the period **JUNE 2024 to FEBRUARY 2025.**

During this period they were found hardworking, punctual & efficient. We wish them a successful future.

For RISS TECHNOLOGIES

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I hereby declare that the project report entitled “HOME OF LOVE” was carried out by me as the Bachelor Degree Project in Computer Application under the guidanceMrs. IRFANATH and ~~supervision~~ of Mrs. ASIA.PHead ofDepartment of Computer Applica~~tion, Safa Col~~lege of Arts & Science and that,to the best of my knowledge a~~nd belief, it~~ ~~c~~ontains no material previouslypublished or written by another pe~~rson nor mate~~rial which has been accepted forthe award of any other degree or ~~diploma of the~~ university or other institute of higher learning, except where due ~~acknowledgeme~~nt has been made in the text.

Declaration

Date: Signature: Place:MUHAMMED RABEEH K - SFAWBCA023NAJI NIHAL VK - SFAWBCA025SHAMIL RASHEED T - SFAWBCA027 JANFISHAL MOHAMMED - SFAWBCA044

~~The success of the project depends upon the effort invested. At this pleasurablemoment of having successfully completed our project. It’s our duty to acknowledge and thank the individuals who have contributed to the successful completion of the~~I wish to express our heartfelt ~~gratitude to Mrs.IRF~~ANATH, SAFA COLLEGEOF ARTS AND SCIENCE

~~for her encouragement~~t and inspiring guidance throughout the preparation of the project.

Acknowledgement

I express our deep sense of gratitude and sincere thanks to the head of department Mrs. ASIA P for the valuable guidance to do the project successfully. I also thankful to our department faculties for their continuous motivation for the successful completion of our project.

project.

I wish to express our love and respect to our parents, for their support, contribution and encouragement which helped us a lot to complete the project successfully. I am very thankful to our friends for their support and contribution to complete this project successfully.

~~Home of Love is a non-governmental and non-profit organization dedicated to supporting andeducating children and adults with mental disabilities. Many individuals with mentaldisabilities struggle with daily activities such as eating, dressing, walking, and communication,requiring specialized care and a supportive environment. This project aims to develop a web~~ based application to efficiently

manage various activities of the organization, enabling seamless interaction between the organization, donors, and sponsors. The application provides essential information about the organization, including details ofdonors, current needs, and upcoming events. It allows organizations to register new childrenand store their details securely in the database. Interested individuals can fill out an online form to enroll a new child or express their willingness to sponsor a child.

Abstract

By integrating technology into the management of this noble cause, the Home of Loveapplication enhances transparency, improves engagement, and ensures better assistance forindividuals with special needs. This project serves as a bridge between the organization and the community, fostering a compassionate and inclusive society.

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Home of Love is a non-governmental and non-profit organization. It is dedicated for helpingand educating children and adults suffering from mental retardation. The mentally retardedpopulation has both a low IQ

and the inability to perform everyday functions. Activities such aseating, dressing, walking, and in some cases, talking can be hopeless for a child with mentalretardation. Schooling for the disabled requires a special environment—one that only a fewteachers have the gift to care for.Hence by providing a service for them we should take care of these aspects. We can offer anonymity to clients who do not wish to make their donations public. It makesgrants to charities that are not dependent on government support and that promote limitedgovernment, personal responsibility and free enterprise. This project is a web application formanaging various activities in the Home of Love. This application helps user to knowinformation about organization. All the details about the Home of Love. such as donors, theirneeds, events, etc; can be viewed by the visitors after login. Details about children are saved inthe database by organizations. If a person would like to join a new child to the organization,then they can fill their corresponding form online. A person who is interested to sponsor for a child, can notify their willingness to donate through the application.INTRODUCTION

SYSTEM ANALYSIS

System study is done in order to understand the problem and emphasize what isneeded from the system. The information requirements of the user for theircompetitive world Require such system. The various techniques used in thisphase are Observations, Interviews and Discussions. A complete understandingof software requirements is essential to the success of a software developmenteffort. System Analysis refers to an orderly structured process for identifying andsolving problems using a computer. It is the most essential part of the projectdevelopment. It is the process of gathering and interpreting facts, diagnosingproblems and using the information to recommend improvements to the system.Training, experience and common sense are required for the collection of the information needed to do the analysis. EXISTING SYSTEM

🎧 Manual Record-Keeping & Offline Management 🎬 Many small NGOs still rely on paper records or offline spreadsheets to manage donor information, child details, and financial transactions. 🎬 This method is prone to data loss, inefficiency, and difficulty in tracking records over 🎧 General NGO Management Software

🎬 Tally for NGOs – Used for financial accounting but lacks features for child sponsorship and donor management.

🎬 Donorbox, GiveWP, and Benevity – Platforms that focus on donation

collection but do not provide tools for managing children's needs or enrollment.time.

Salesforce Nonprofit Cloud – A robust CRM for large NGOs but is expensive and complex for small-scale organizations. Government & Institutional Support Systems Some countries have government portals that track NGOs and funding, but they focus on regulatory compliance rather than active engagement with donors or sponsors. Social welfare programs exist but often require lengthy bureaucratic processesand may not prioritize children with special needs. Child Sponsorship Platforms

UNICEF & Save the Children – Large-scale child sponsorship programs but lack a localized focus on mentally disabled individuals.

World Vision – Allows sponsors to support children but does not provide real-time interaction with organizations. DRAWBACKS OF THE EXISTING SYSTEM

Data Loss & Inefficiency – Manual record-keeping can lead to missing or outdated Difficult to Manage Large Data – Tracking donations, child details, and events manually is inefficient. No Real-Time Access – Stakeholders cannot instantly access or update

data. 🎧 Not Designed for Special Needs Care – Most existing systems focus on general NGO management, not on mentally disabled individuals. 🎧 Complex & Expensive Software – Platforms like Salesforce Nonprofit Cloudrequire high costs and technical expertise. 🎧 Limited Interaction – Many systems do not allow donors, sponsors, and organizations to engage directly.information.

🎧 No Direct Sponsorship Tracking – Sponsors cannot easily track the progress of children they support. 🎧 Lengthy Government Approval Processes – Funding and regulatory support take time, delaying NGO operations. 🎧 Limited Flexibility for Families – No existing system provides job opportunities for parents of differently-abled children.

PROPOSED SYSTEM

🎧 Comprehensive Child & Organization Management 🌍 Child Registration & Tracking – Organizations can add and manage details of children, including their special needs, progress, and care requirements.

🌍 Needs & Event Updates – Visitors can view ongoing needs,

upcoming events, and donation requests. 🎧 Donor & Sponsorship Syste~~m~~ 🌍 Donor Management – Secu~~re tracking of donations~~ with transparency. Child Sponsorship – Allows individuals to sponsor a child and track their 🎧 Job Portal for Parents

🌍 Public & Businesses Can Post Jobs – Offering flexible and remote work opportunities.🌍 Parent Job Matching System – Suggests relevant jobs based on skills and availability.

🌍 Skill Development & Training – Online courses and workshops to help parents earn adevelopment.
livelihood.

🎧 ~~Secure & Transparent System~~ 🌍 ~~User Authentication – Only authorized users can access child records and make~~🌍 ~~Donation & Sponsorship Tracking – Ensures full transparency on how funds are used.~~ 🌍 ~~Role-Based Access – Different roles for admins, donors, parents, and the public for better control.~~ 🎧 Interactive Engagement & Awareness

🌍 Community Forum & Discussion – A platform for donors, caregivers, and volunteers to interact. 🌍 Awareness & Educational Resources – Information on mental disabilities, caregiving tips, and success stories. 🌍 Real-Time Notifications – Updates about new children, sponsorships, and donationupdates.
needs.

MODULE DESCRIPTION

Main Modules: -

- ~~ADMIN~~
- ~~ORGANIZATIONS~~
- ~~SPONSORS~~
- ~~USER~~

+ Manage Organizations
+ Manage Sponsors
+ View childeren based on Organizaitons
+ View Sponsorship
+ Sign up
+ Service management
+ Programme mangement
+ Children management-while entering the children details we can also specify whether the child needs sponsorship.

ADMIN:

+ View Sponsorship and notify parents
+ ~~Sign up~~
+ ~~View Organization~~
+ ~~View Services~~
+ ~~View children~~
+ ~~Add Sponsorship~~
+ ~~View sponsorship by them~~

ORGANIZATIONS:

SPONSORS:

USERS(PARENTS / CARE TAKER) + ~~View Organizations~~

+ ~~View Services~~
+ ~~View programs conducted by organizations~~ + ~~View notification regarding sponosorshipp~~ +

~~View job alerts~~

+ Add Job Notifications
+ Login

+
PUBLIC

FUNCTIONS OF DESKTOP APPLICATION ~~Add expert and manage them, Add important news for reference of students by admin. The college can manage their page like, handling the booked seats, give latest updates to thestudents through adding news, manage the course fee infrastructures, display the facilities to theusers chat with the users for clearing their doubts or to solve their problems that they are~~

facingin their admission process. The expert section, that expert can handle the test questions for the users and clear the doubt through giving replays to them.

FEASIBILITY STUDY

A feasibility study is a preliminary study undertaken to determine and document a project'sviability. The results of this study are used to make a decision whether to proceed with theproject. If it indeed leads to a project being approved, it will - before the real work of theproposed project starts - be used to ascertain the likelihood of the project's success. It is ananalysis of possible alternative solutions to a problem and a recommendation on the bestalternative. It, for example, can decide whether an order processing be carried out by a newsystem more efficiently than the previous one. The feasibility study proposes one or moreconceptual solutions to the problem set for the project. The conceptual solution gives an ideaof what the new system will look like. They define what will be done on the computer andwhat will remain manual. It

also indicates what input will be needed by the system and what outputs will be produced. These solutions should be proven feasible, and a preferred solution is accepted. 1. Technical Feasibility
proposed system is technically feasible. Because This system is basically developed using pythonand android, for which the development kit is easily available and free of cost. This involvesquestions such as whether the technology needed for the system exists, how difficult it will be to build, and whether the firm has enough experience using that technology. 2. Economic Feasibility
This project is economically feasible. Because there is no need for any external equipment to run orwork the project. This system is cost effective as well as time effective, thereby making it economically feasible. 3. Operational Feasibility
The project is operationally feasible because, Operational feasibility is a measure of how well aproposed system solves the problems. This reviews the willingness of the organization to support the proposed system.

SOFTWARE ENGINEERING PARADIGM

The software engineering paradigm which is also referred to as a software process model or Software Development Life Cycle (SDLC) model is the development strategy thatencompasses the process, methods, and tools. SDLC describes the period that startswith the software system being conceptualized. AGILE MODEL
The Agile methodology is a project management approach that involves breaking the project into phasesand emphasizing continuous collaboration and improvement. Teams follow a cycle of planning, executing, and evaluating. 1. Software is produced early in the software life cycle.
2. Risk handling is one of important advantages of the agile model, it is best

Development model to follow due to the risk analysis and risk handling at The whole phase.

3. It is good for large and complex projects.
4. Strong approval and documentation control.
5. Break down the project into multiple, manageable units.
In this project we used agile model for mainly handling the risks when the project is done. Due to thismodel, we can complete every single unit fully. This is a simple and advanced model in software development. It is very effective in the case of large and complicated projects.ADVANTAGES

SYSTEM REQUIREMENTS SPECIFICATION

System Specification

Hardware and software requirements for the installation and smooth functioning of thisproduct could be configured based on the requirements needed by the component of theoperating environment that works as front-end system here we suggest minimum configurationfor both hardware and software components. Working off with this software is requirements concrete on system environments. It includes two phases. • Hardware Specification

• Software Specification

Hardware Requirements

• Processor: Intel Pentium Core i3 and above • System Bus : 32Bit or 64Bit

• RAM : 8 GB or Above • Storage : 320 GB or Above Hard Disk • Monitor : 14” LCD or Above • Keyboard : 108 Keys • Mouse : Any Type of mouse Software Requirements

• Operating System : Windows 7 / 8 a n d a b o v e • IDE : PyCharm, android studio • Framework : Flask

• Database : MySQL Server

SYSTEM DESIGN

System design is the first in the development phase for many engineered products or system. Itmay define the process of applying various techniques and principles for the purpose ofdefining a device, a process or system in sufficient detail to permit its physical realization.This phase is the first step in moving from the problem domain to the solution domain. It is aniterative process through which requirements are transmitted into ―blue printll for constructingthe software initially. Blueprint depicts holistic new software. Some properties for the system design are: 1. Input Design

The decisions made during the input design are:

• To provide cost effective method of input

• To achieve the highest possible level of accuracy Input design is the process of converting user-designated inputs to a computerized format. The input data are collected and organized in to groups of similar data.

• Verifiability

2. Output Design

• Completeness

Output design generally refers to the results and information that are generated by the system.The results are of in interactive mode. A common user can also use the application. In outputdesign the emphasis is given to the design of the hard copy and a soft copy of the information needed for the user.

• Efficiency

• Traceability

3. Database Design

Database design is the process of producing a detailed data model of a database. This logicaldata model contains all the needed logical and physical design choices and physical storageparameters needed to generate a design in a data definition language, which can then be usedto create a database. The term database design can be used to describe many different parts ofthe design of an overall database system. Principally, and most correctly, it can be thought ofas the logical design of the base data structures used to store the data. In the relational modelthese are the tables and views. In an object database the entities and relationships map directlyto object classes and named relationships. However, the term database design could also beused to apply to the overall process of designing, not just the base data structures, but also theforms and queries used as part of the overall database application within the databasemanagement system. The process of doing database design generally consists of a number ofsteps which will be carried out by the

database designer. Usually, the designer must:Determine the relationships between the different data elements and superimpose a logical structure upon the data on the basis of these relationships.

Normalization is the process of decomposing a set of relations with anomalies to produces smaller and well-structured relations that contain minimum redundancy. It is a formal process of deciding which attributes should be grouped together in a relation. First Normal Form First Normal form (1NF) is now considered to be part of the formal definition of relational model. 1NF is designed to disallow multivalve attribute, composite attributes, and their combinations. It states that the domain of an attribute must include only atomic values. A domain is atomic, if elements of the domain are considered to be indivisible units. We say that a relational schema R is in 1NF if the domain of all attributes of R 'is atomic. Second Normal Form

Normalization

The second Normal form (2NF) is based on the concept of functional dependency. A

relationR is in 2NF if it is in 1NF, and every non key attribute A of R is fully dependent on the primary key. That is, relation is said to be in 2NF if each attribute An in R meets one of the following(a) It appears in the primary key.
(b) It is fully functionally dependent on the primary key. The tables designed in the proposed system contain a primary key for uniquely identifying each user. Third Normal Form Third Normal form (3NF) is based on the concept of transitive dependency. A relation is saidto be in 3NF if it is in 2NF and has no transitive dependencies. That is all the non keyattributes should be functionally determined by the primary key. In the proposed system allattributes of tables are fully depends on the primary key only that is all non-key attributes are mutually independent.criteria:

A database is a collection of interrelated data stores with minimum redundancy to serve manyusers quickly and efficiently. The general objectives are to make information access easy, quick,inexpensive and flexible for the user. In a database environment, common data is available inwhich several users can use. The concept behind a database is an integrated collection of dataand provides a centralized access to the data from the program. The following tables are usedin this project.Login tableTABLES

id	username	password	type
1	admin	admin	admin
2	fox@gmail.com	71	sponsors
3	mrabeeh568@gmail.com	241	Organization
4	bhhv	1234567	user
5	d	12	user
6	o	o	Organization
7	fox@gmail.com	130	pending
8	nihal123@gmail.com	123	user
9	bh3@gmail.com	720	sponsors
10	holly@gmail.com	226	Organization
11	ghfth@gmail.com	504	rejected
12	palhsj@gmail.com	967	pending
13	palhsj@gmail.com	1	sponsors
14	mrabeeh568@gmail.com	12345	sponsors
15	mrabeeh568@gmail.com	12345	pending
16	mraaabeeh568@gmail.com	791	rejected
17	rasheed12@gmail.com	9090909090	user
18	bh3@gmail.com	1234	sponsors
19	safa123@gmail.com	439	Organization
20	ja112@gmail.com	1234566757	user
21	Ila@gmail.com	865	Organization
22	bh3@gmail.com	12345	sponsors
23	kabeer123@gmail.com	567898	user
24	muhsin@gmail.com	0000	pending
25	half@gmail.com	907	pending
* (Auto)	(NULL)	(NULL)	(NULL)

~~Organization table~~

~~Children Table~~

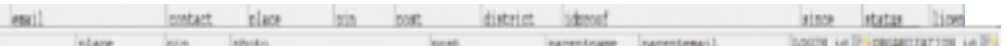
~~Job Table~~

id	vacancy_name	no_of_vacancy	contact	email
1	nsfkj	4	26547	mnzcb
3	soft	8	85965886932	gu@gmail.com
4	sweeper	2	9037369515	mrabeeh568@gmail.com
5	cleaning	2	9061292396	janf12@gmail.com
6	sales man	2	9037369515	rabeehi2@gmail.com
* (Auto)	(NULL)	(NULL)	(NULL)	(NULL)

~~Sponsor Table~~

id	name	contact	email	place	pin	post	status	LOGIN_id
1	fahiz poth	343444	fox@gmail.com	thiruvegappura	5775	jfdkj	blocked	2
2	fahiz poth	343444	fox@gmail.com	thiruvegappura	5775	jfdkj	rejected	7
3	janvi	3546525	bh3@gmail.com	vly	3456	12354	approved	9
4	hari	5653543	palhsj@gmail.com	kavvumpuram			rejected	12
5	hari	5653543	palhsj@gmail.com	kavvumpuram	761768	vly	approved	13
6	rabii	9037369515	mrabeeh568@gmail.com	athippatta	609337	vengad	approved	14
7	rabiimhd	9037369515	mrabeeh568@gmail.com	athippatta	609337	vengad	rejected	15
8	shaamil	1212121212	bh3@gmail.com	kvpm	898989	vly	approved	18
9	Ashique	9037369515	bh3@gmail.com	Edappalam	679338	Edappalam	approved	22
10	muhsin	7629745	muhsin@gmail.com	palakkad	45739	pololikolamb	pending	24
* (Auto)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

~~Donation Table~~ ~~Program Table~~ ~~Service Table~~



id	service_name	description	ORGANIZATION_id
4	amrutyojana	this scheme provides food for children.	2
5	getyourkits	provides a study kit for needed students	2
6	Study kit	we give study kit to all our childrens in our organization	7
* (Auto)	(NULL)	(NULL)	(NULL)

~~Sponsorship Table~~

~~ARCHITECTURE DIAGRAMS/DFD~~ ~~Data flow diagram~~

~~issued to define the flow of the system audits~~

~~resources such as information. Data flow~~ ~~diagrams~~

id	amount	date	status	ORGANIZATION_id	SPONSORS_id
3	5000000	2025-03-02	pending	2	3
4	5000	2025-03-02	paid	2	3
5	15000	2025-03-05	paid	2	8
6	12000	2025-03-06	paid	6	8
7	3000	2025-03-08	pending	7	9
* (Auto)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

~~represent one of the most ingenious tools used for structured analysis. A Dataflow~~

~~diagram or DFDas it is shortly called is also known as a bubble chart. It is the major~~

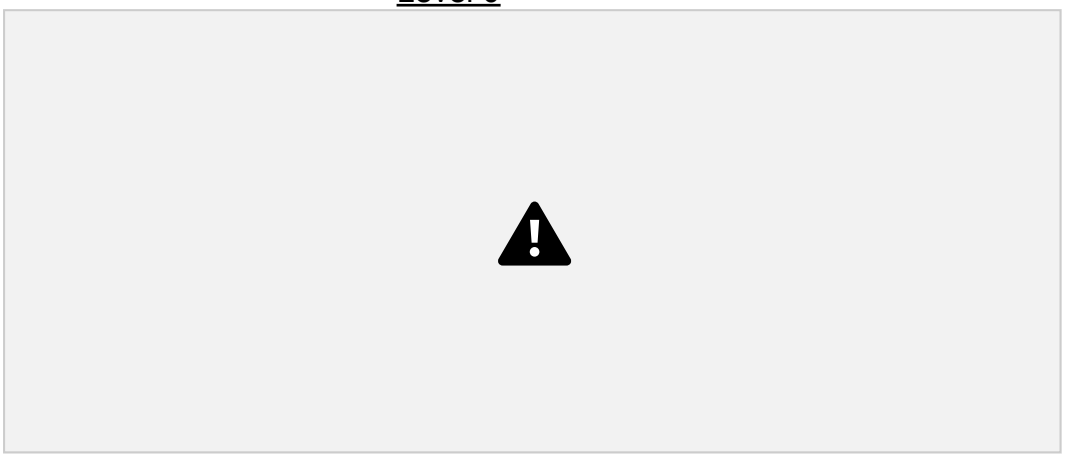
id	program_name	date	poster	time	ORGANIZATION_id
1	lksmfls	2025-02-27	/media/20250227204712.jpg	20:47:00.000000	1
3	lksmfls	2025-02-27	/media/20250227204712.jpg	20:47:00.000000	1
4	homeoflove	2005-05-03	/media/20250302124410.jpg	10:52:00.000000	2
5	free study kit	2025-03-03	/media/20250302153337.jpg	09:30:00.000000	2
6	football match	2025-03-15	/media/20250308165226.jpg	09:15:00.000000	7
* (Auto)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

~~starting point in the design phase that~~ ~~functionally decomposes the requirement~~

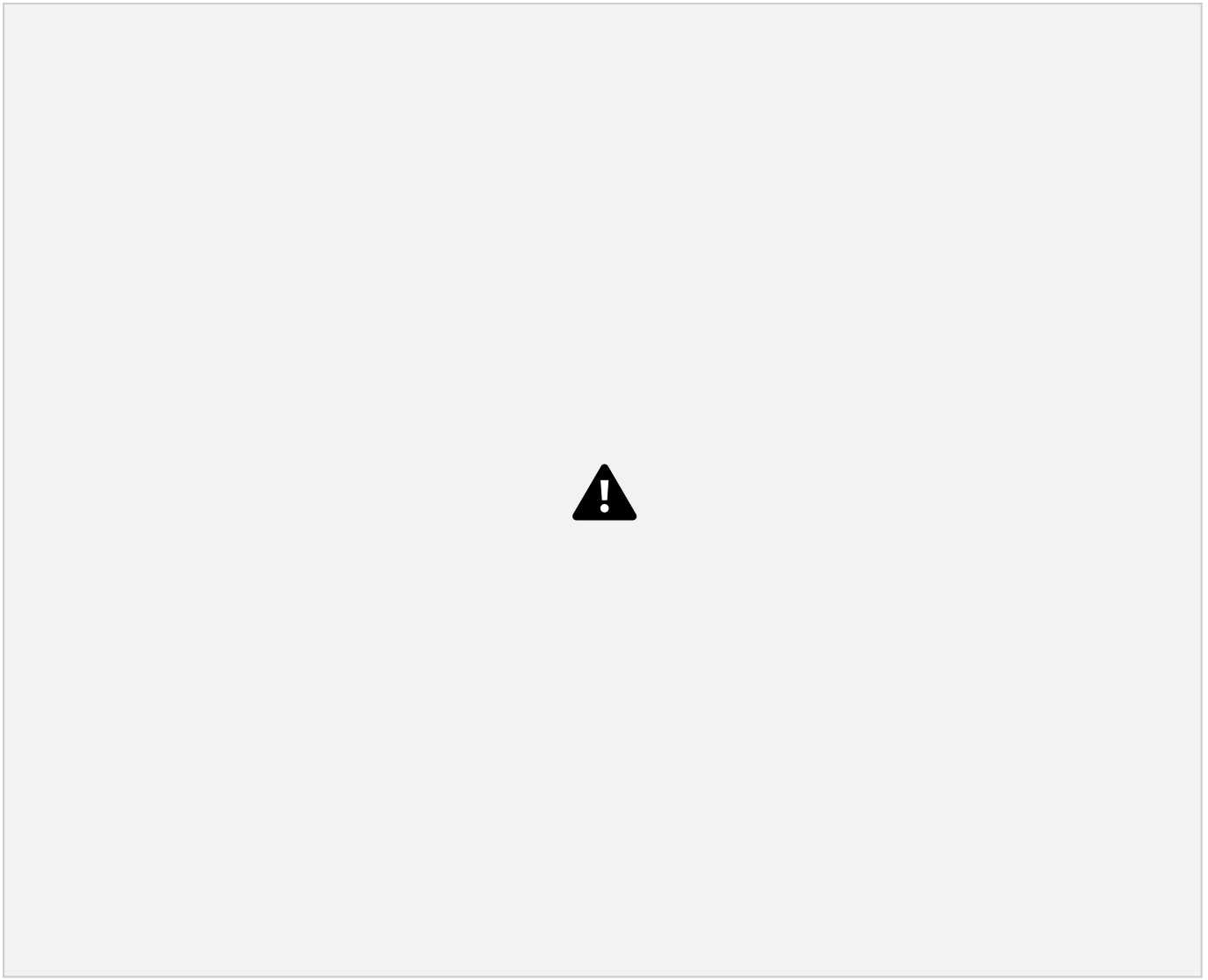
~~specifications down to the lowest level of details.~~ ~~In the normal convention, A Data flow diagram has four major symbols.~~ 1. Square: This defin~~es source or destination of data~~ 2. Arrow: which shows data flow 3. Circle: which represent a process that transforms incoming data into outgoing flow

4. Open rectangle: which shows data store.

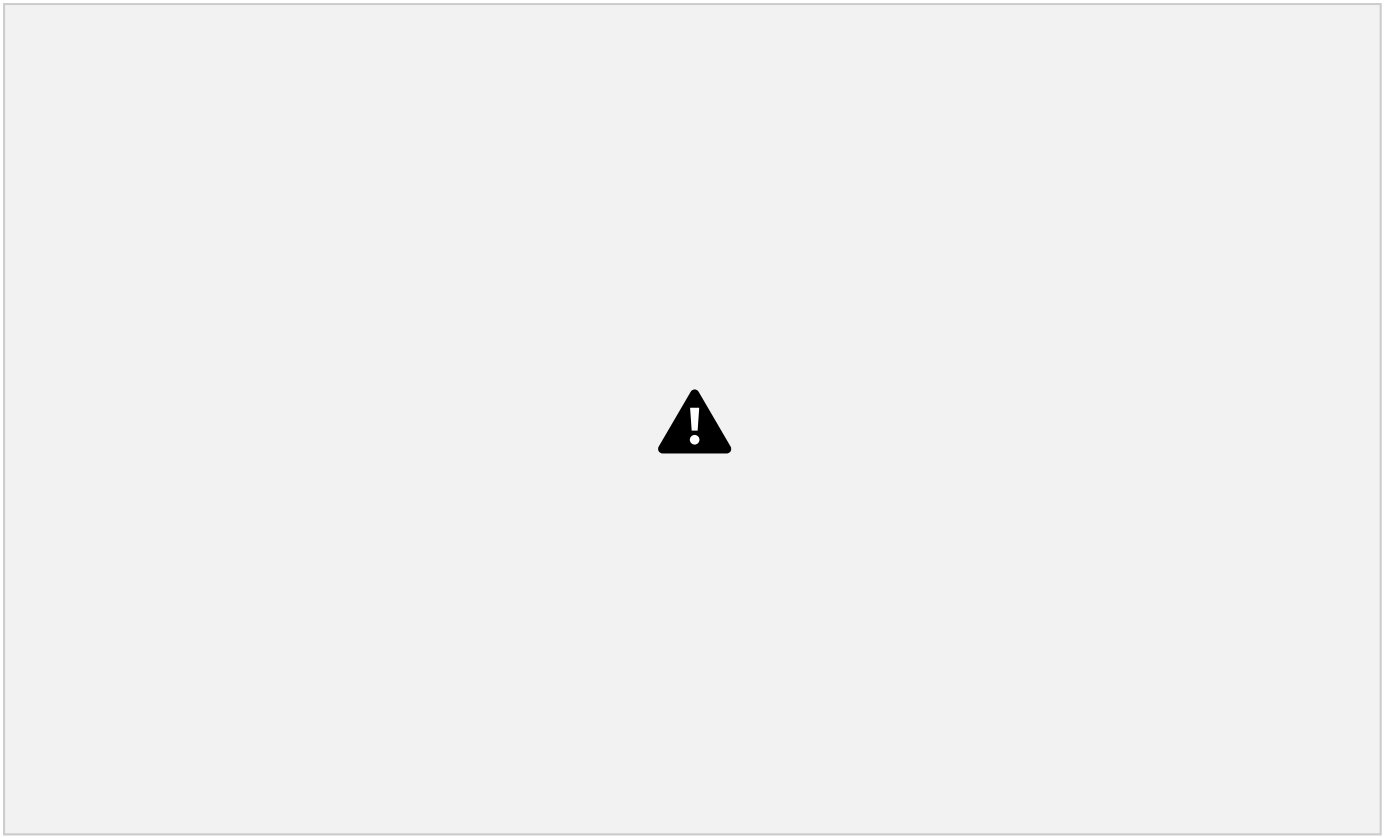
DATA FLOW DIAGRAM Level 0



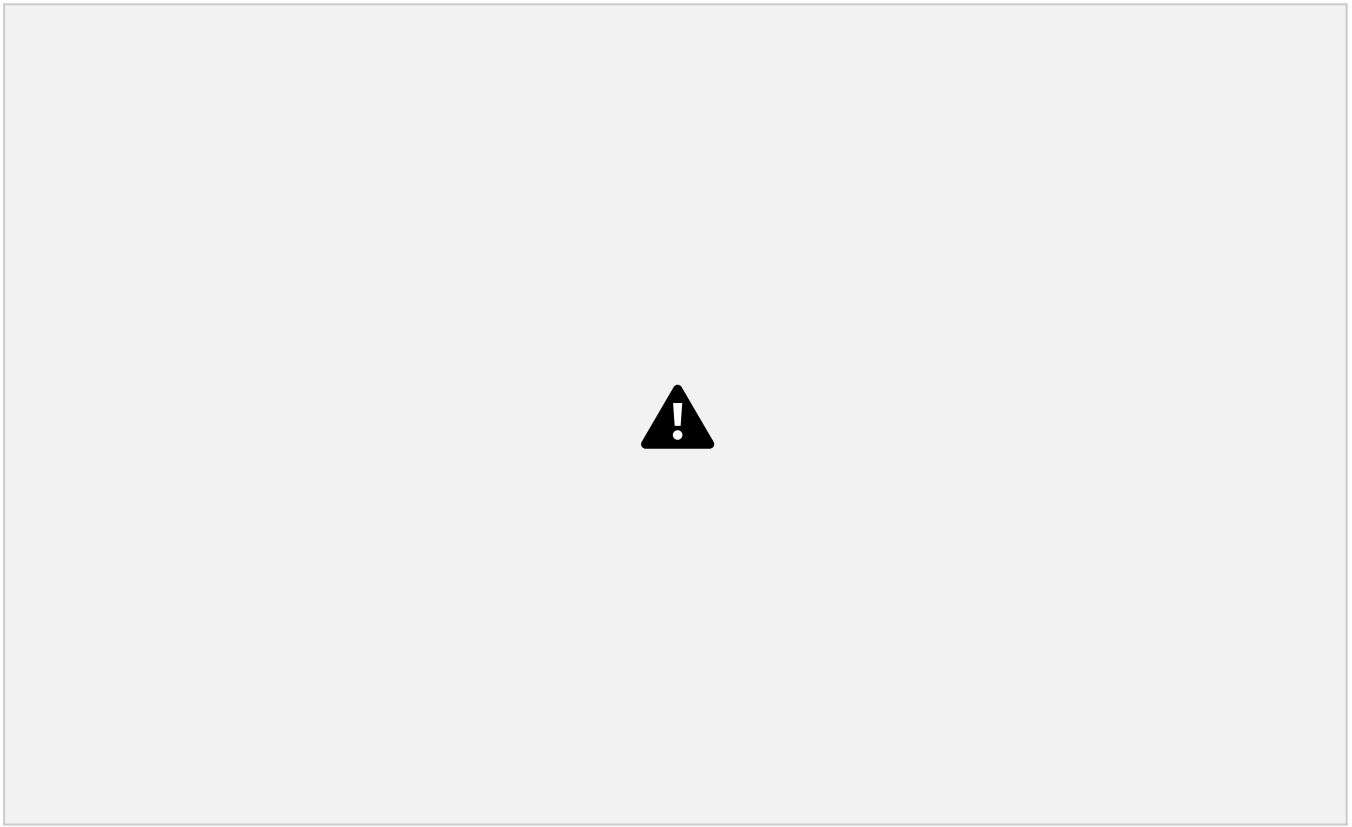
Level 1



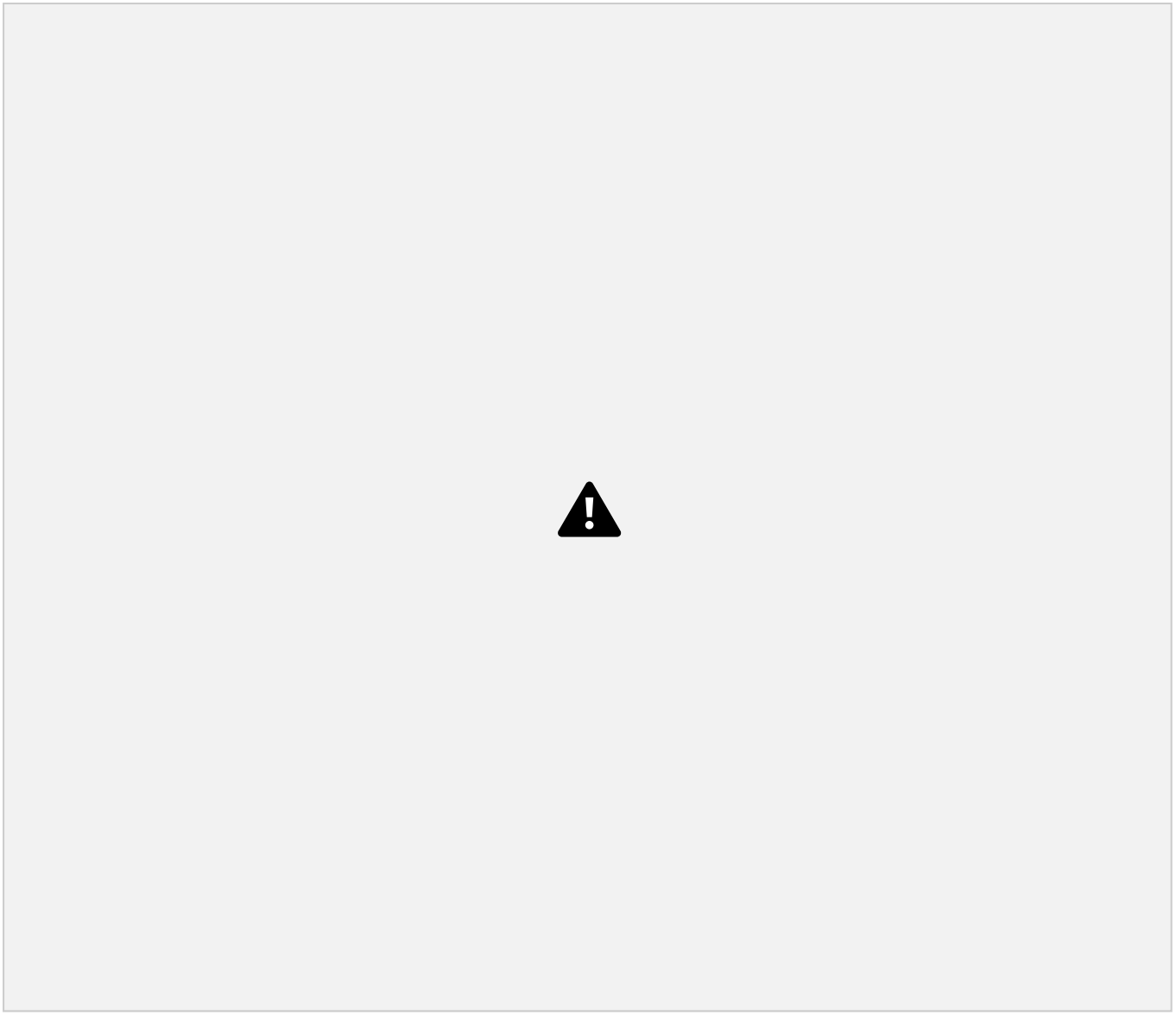
Level 1.1



Level 1.2



LEVEL 1.3



LEVEL 1.4

SYSTEM DEVELOPMENT

~~System development is a series of operations to manipulate data to produce output fromcomputer system. The principles activities performed during the development phase can be divided into two major related sequences:~~

- ~~External system development~~
- ~~internal system development~~

A code is an ordered collection of symbols designed to provide unique identification of entityor an attribute. Code also shows interrelationship among different items. Codes are used toidentify, access, sort, matching records. The code ensures that only one value of code with a single meaning is applied to give entity or attribute as described in various ways. FRONT END:

Python – An Overview

Python is an interpreter, object-oriented, high-level programming language with dynamicsemantics. Its high-level built-in data structures, combined with dynamic typing and dynamicbinding, Python's simple, easy to learn syntax emphasizes readability and therefore reduces theDebugging Python programs is easy: a bug or bad input will never cause a segmentation fault.Instead, when the interpreter discovers an error, it raises an exception. Python is meant to be an easily readable language.

CODING

.

BACK END:

MySQL Database

Microsoft SQL Server is a relational database management system developed by Microsoft. As a database server, it is a software product with the primary function of storing and retrieving data as requested by other software applications—which may run either on the same computer or on another computer across a network (including the Internet). Structured Query Language is a domain-specific language used in programming and designed for managing data held in a relational database management system (RDBMS), or for stream processing in a relational data stream management system (RDSMS). The scope of SQL includes data insert, query, update and delete, schema creation and modification, and data access control SQL commands are grouped into four major categories depending on their functionality. • Data Definition Language (DDL)

These SQL commands are used for creating, modifying, and Dropping the structure of database objects. The commands are CREATE, ALTER, DROP, RENAME and TRUNCATE. • Data Manipulation Language (DML)

These SQL commands are used for storing, retrieving, modifying, and deleting data. These Data Manipulation Language commands are: SELECT, INSERT, DELETE AND UPDATE.

SYSTEM TESTING

Testing is an important step in the software engineering process that could view rather thanconstructive. Testing is the process of executing a program with the intent of finding an error.A good test is that has the probability to find an as yet undiscovered error. Software testing is acritical element of software quality assurance and represents the ultimate review of specification, design and coding.

Testing Strategy:

Unit Testing

Unit testing focused verification efforts on the smallest unit of software design, the module.This is also known as —module testing. The modules are tested separately. This testing iscarried out during the programming stage itself. In this testing step each module is found to be working satisfactorily as regard to the expected output from the module. Integration Testing

The integration testing is a systematic testing for constructing the program's structure, while atthe same time conducting tests to uncover errors associated within the interface. The objectiveis to take unit tested modules and build a program structure. All the modules are combined andtested as a whole. Here correction is

difficult because the vast expenses of the entire program complicate the isolation of causes.

System Testing

After performing the validation testing, the next step is output testing of the proposed systemsince no system could be useful if it doesn ‘t produces the required data in the specific format. The output displayed or generated by the system under consideration is tested.

~~Implementation is the stage of project, when theoretical design is turned into a working system.The most crucial stage is achieving a successful system and confidence that the new systemwill work effectively. Implementation means converting a new or revised system design into an operational one. There are several activities involved while implementing a project:~~ • Careful planning.

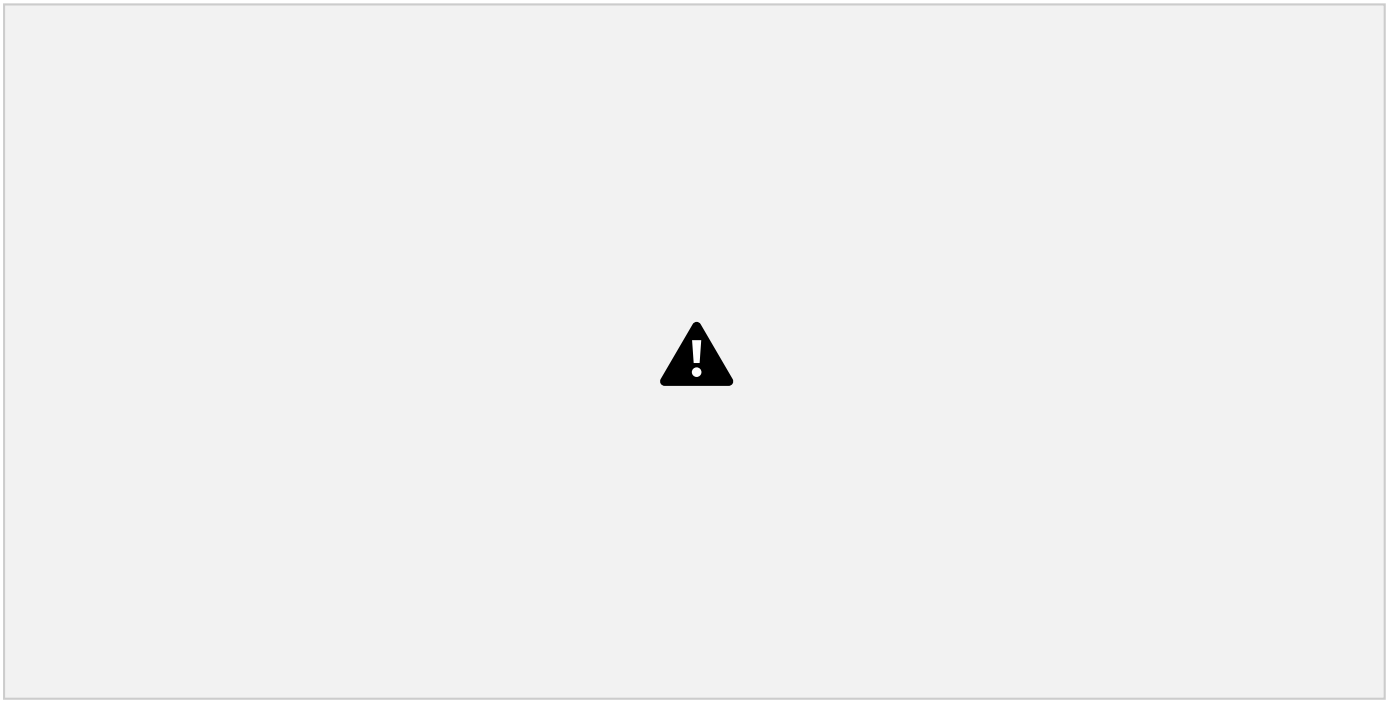
• Investigating the current system and its constraints on implementation. • Design methods to achieve the changeover.

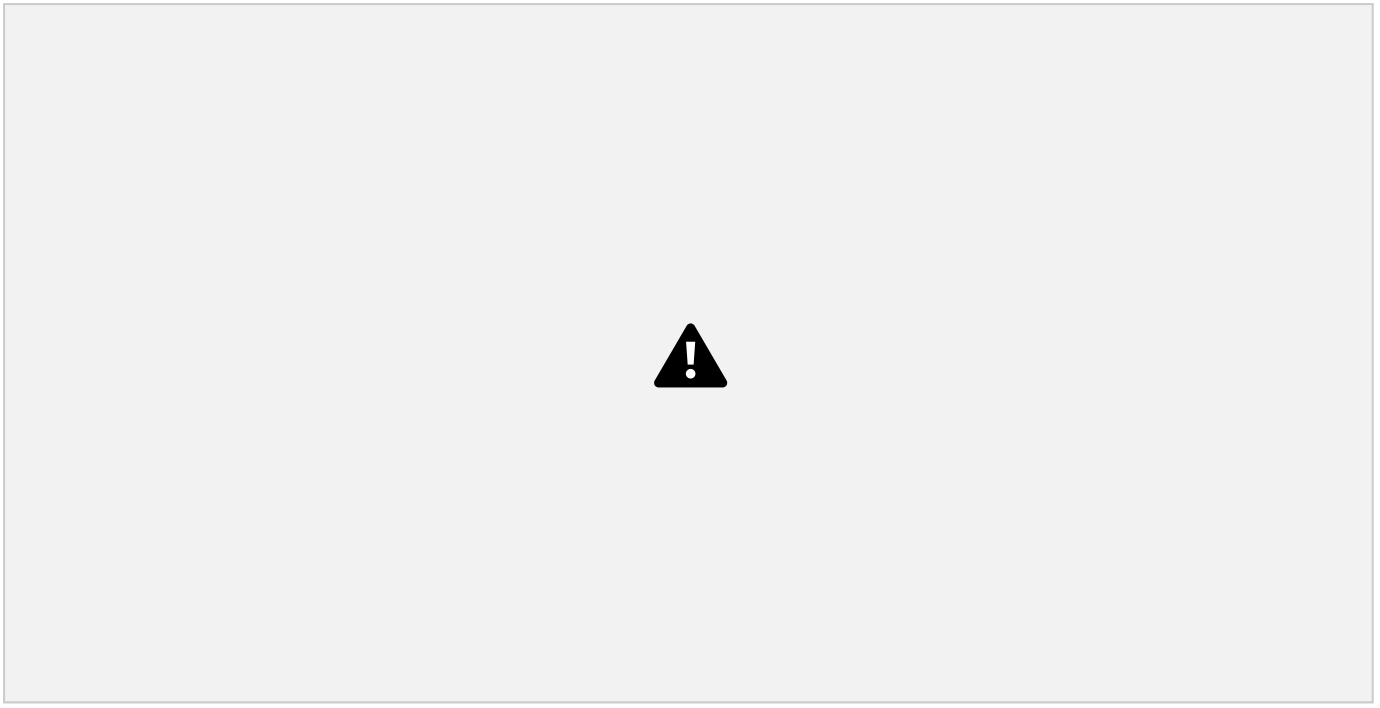
• Training of the staff in the changeover procedure and evaluation of change over

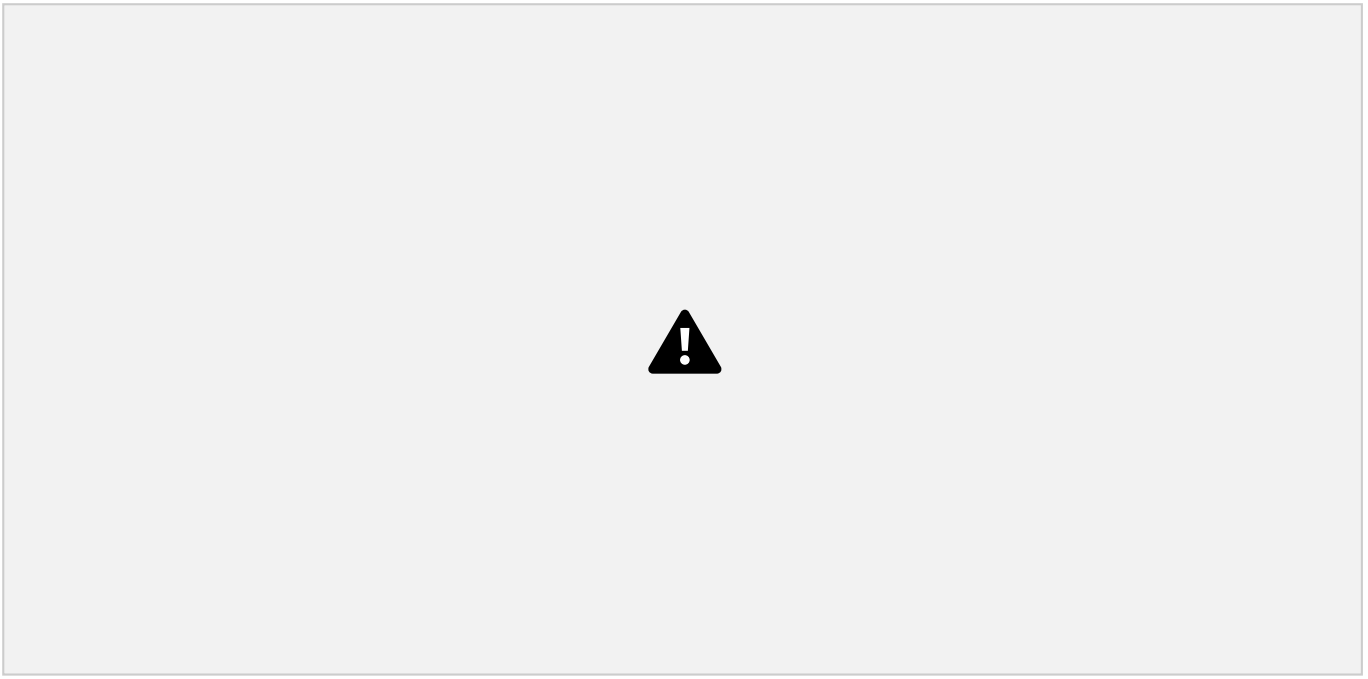
IMPLEMENTATION

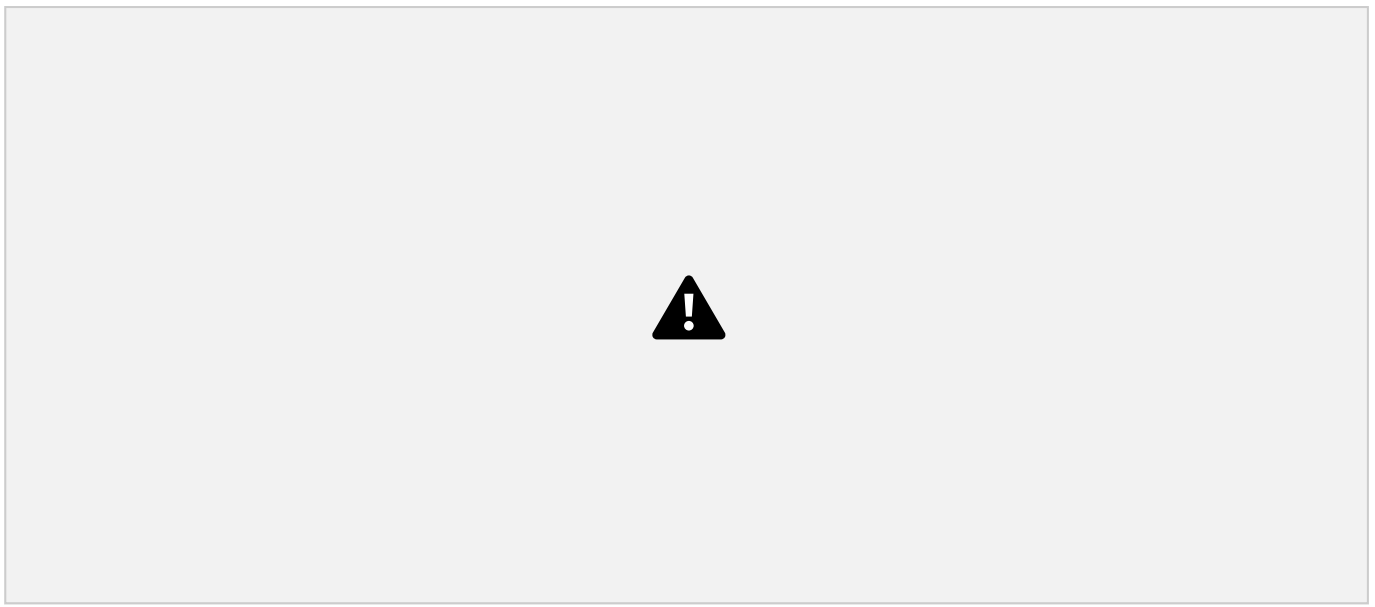
Method Implementation is the final stage, and it is an important phase. The first task inimplementation planning, which is deciding on methods to be adopted. After the system was implemented successfully, training of the user was one of the most important sub tasks of thedeveloper.

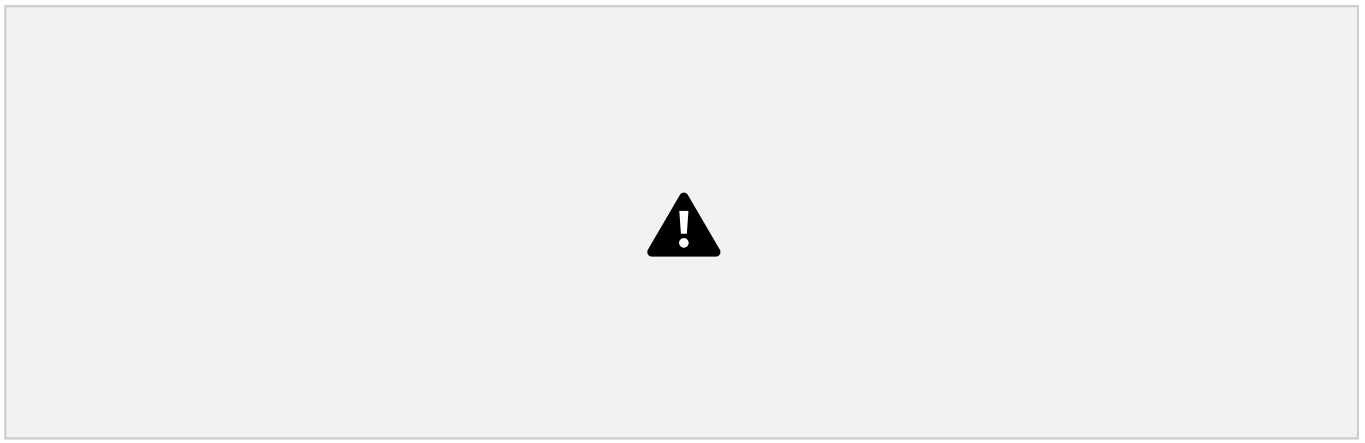
~~WEB APPLICATION SCREEN SAMPLES~~
APPENDIX

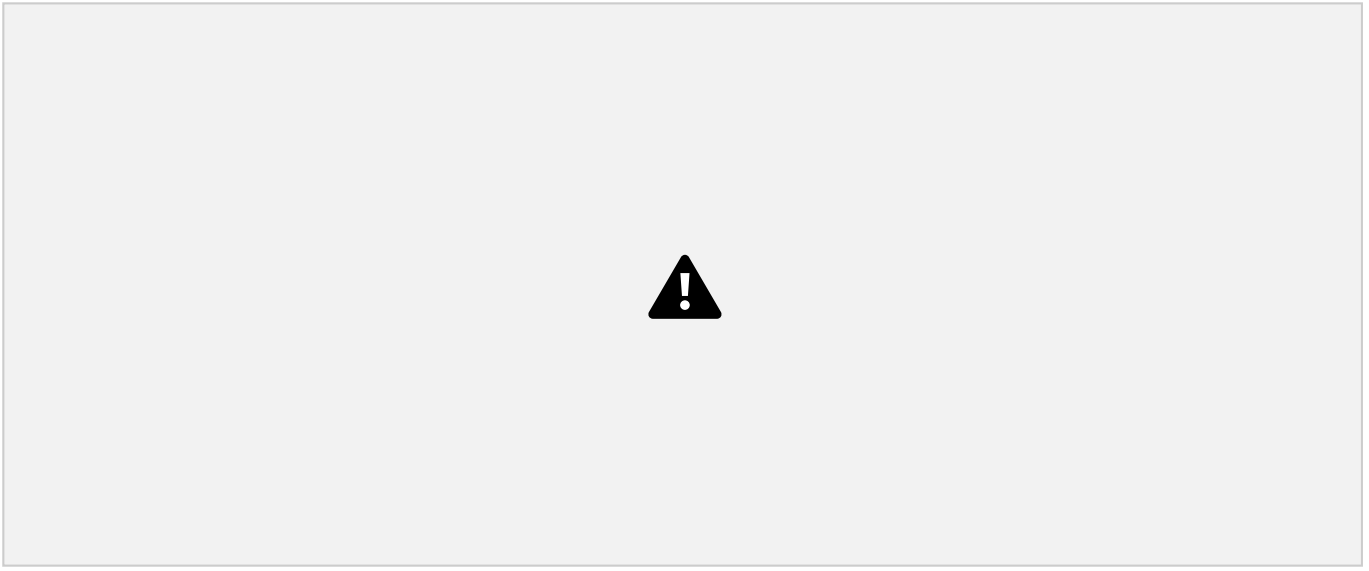


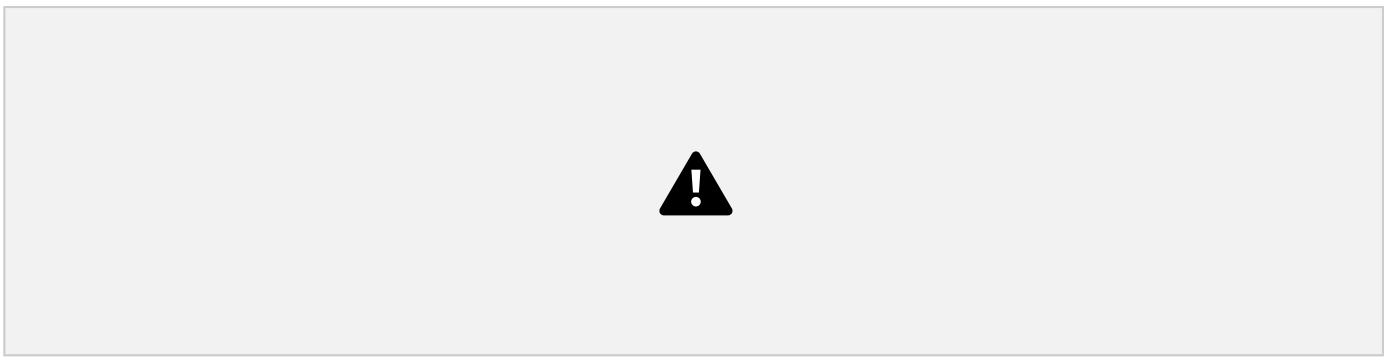


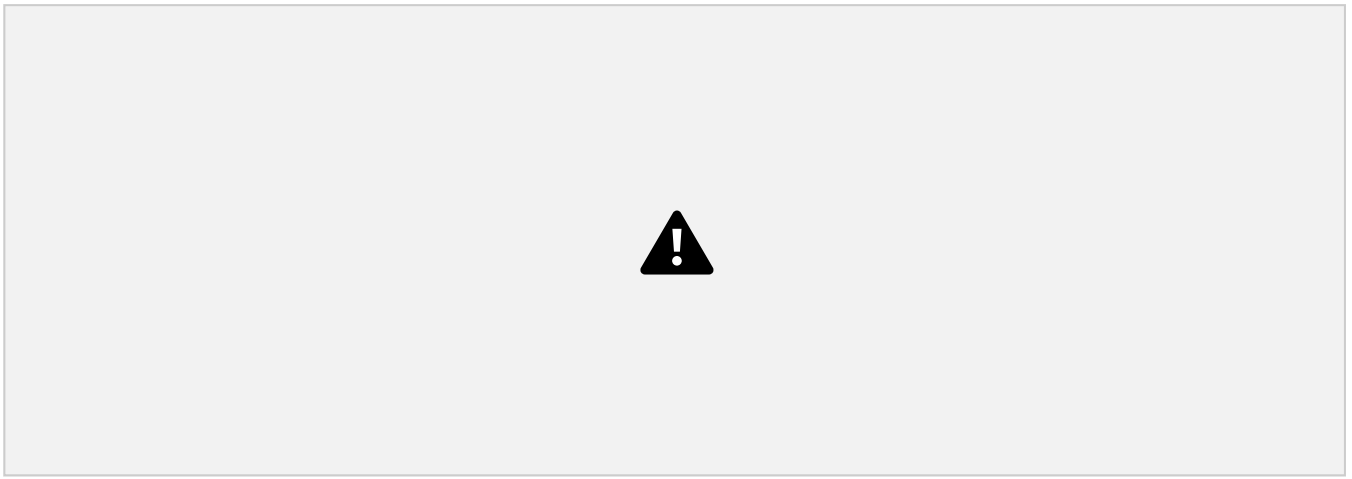


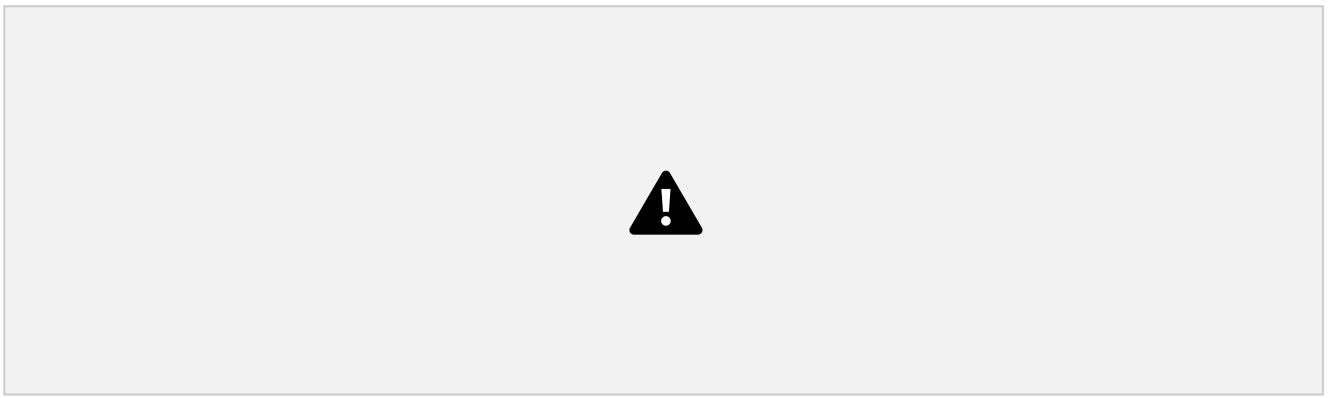


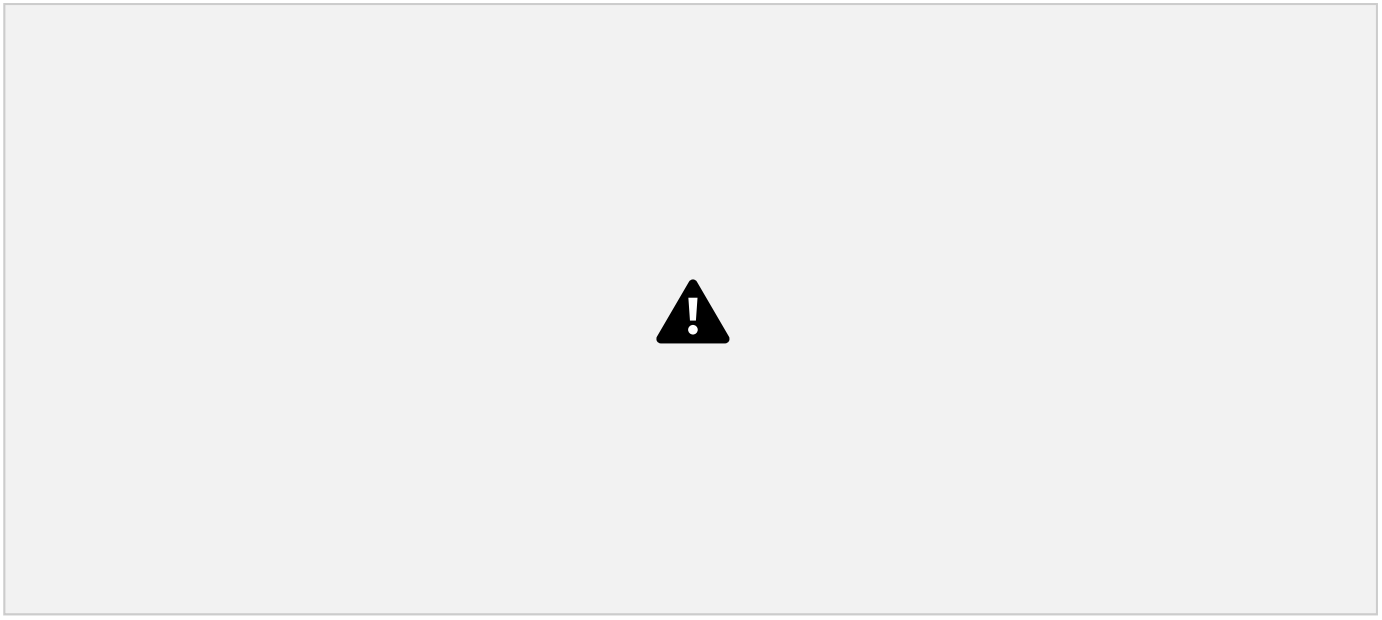


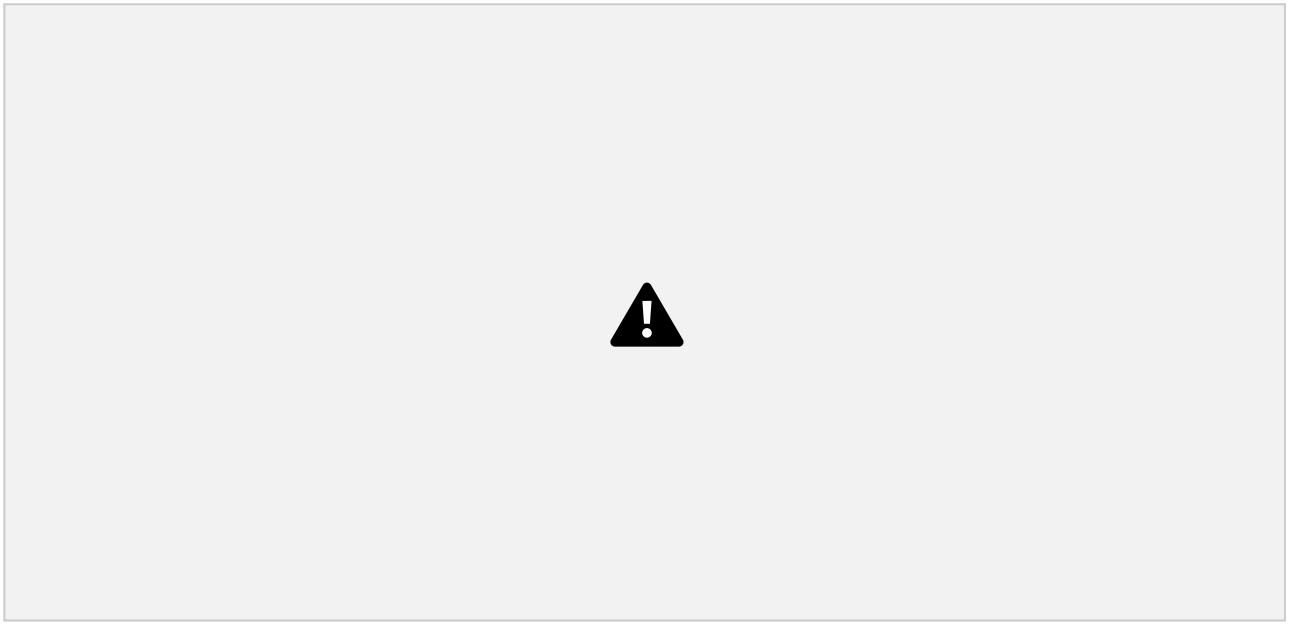


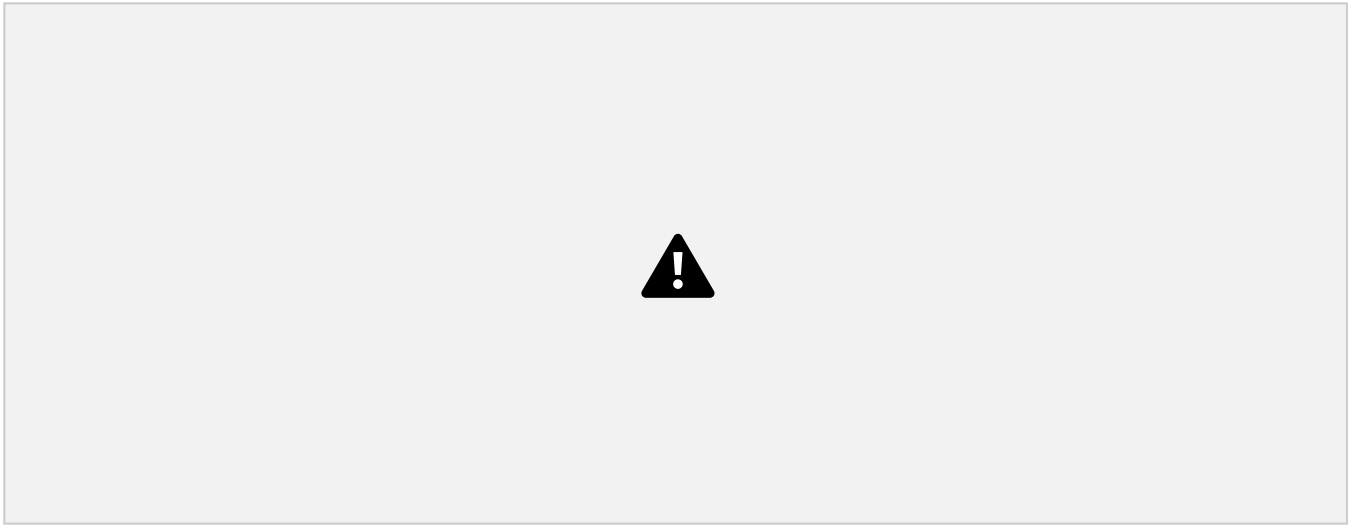


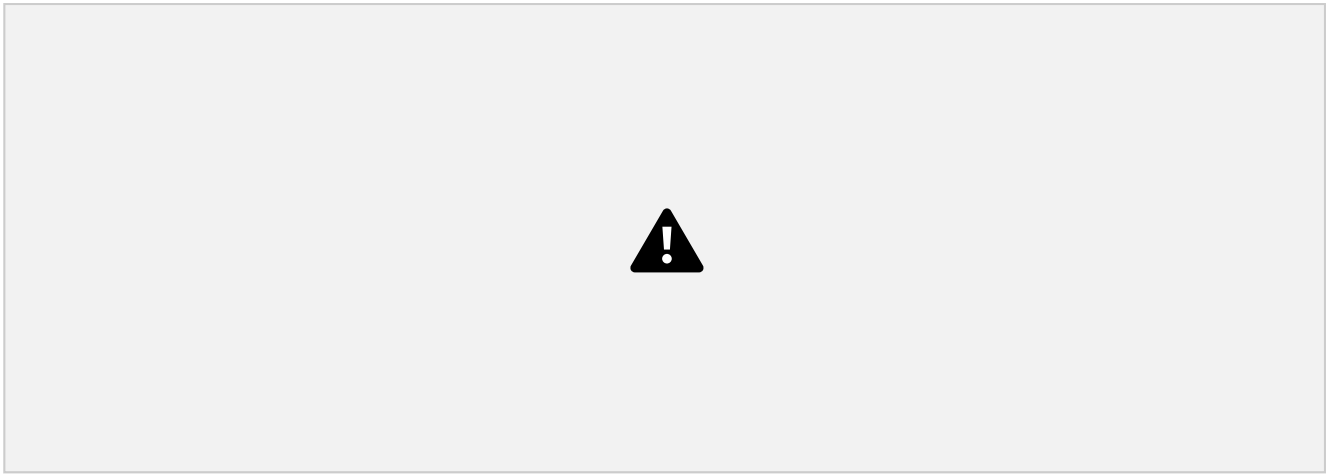


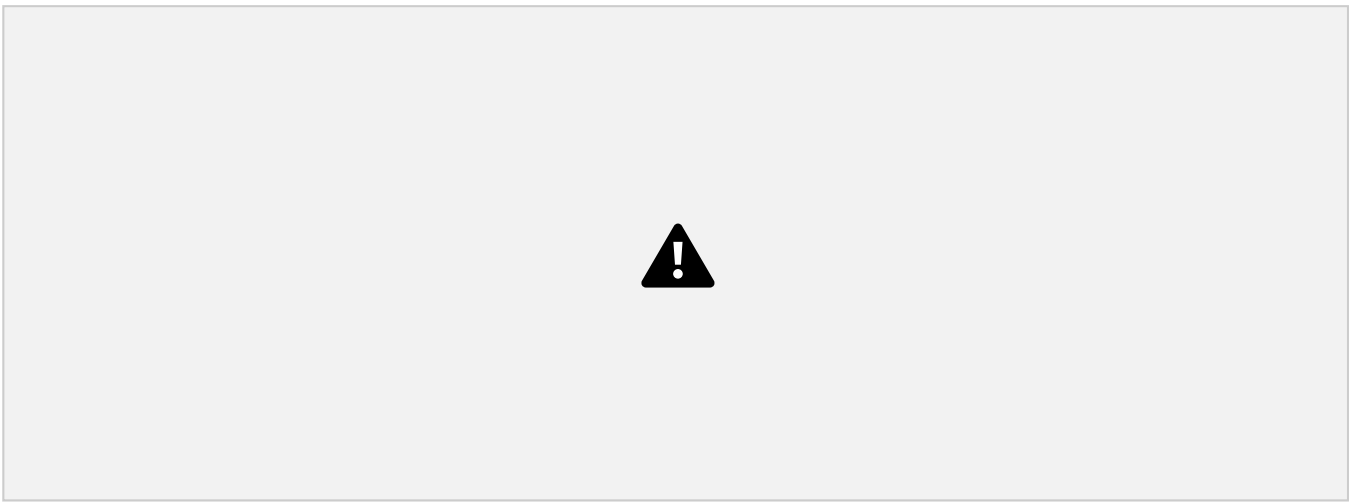












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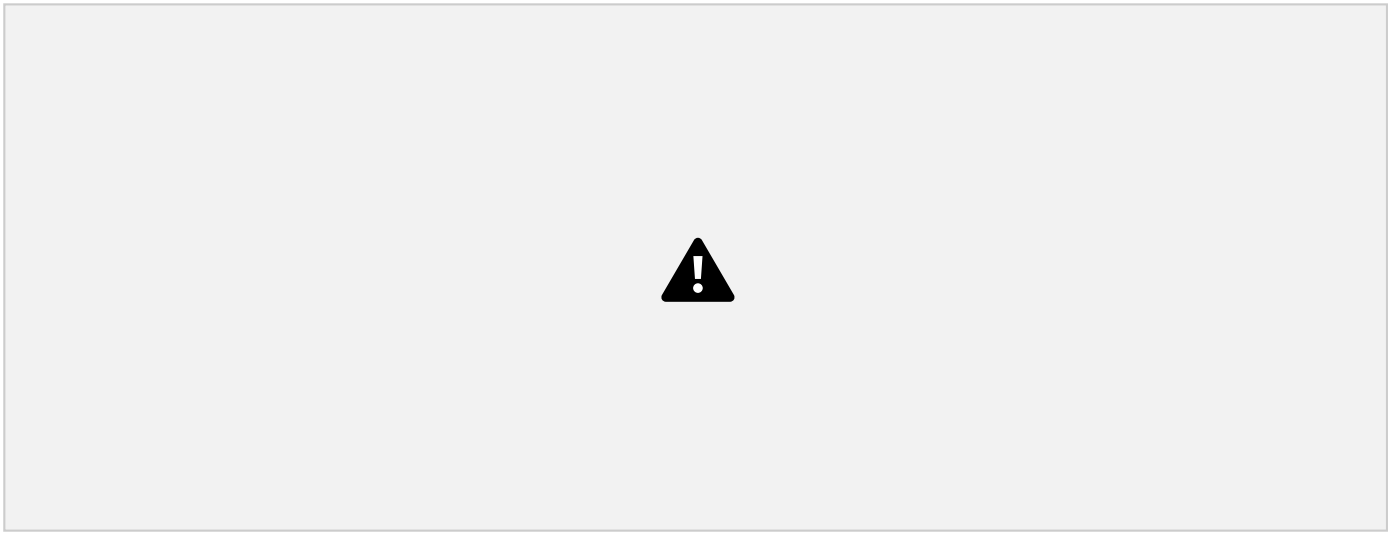
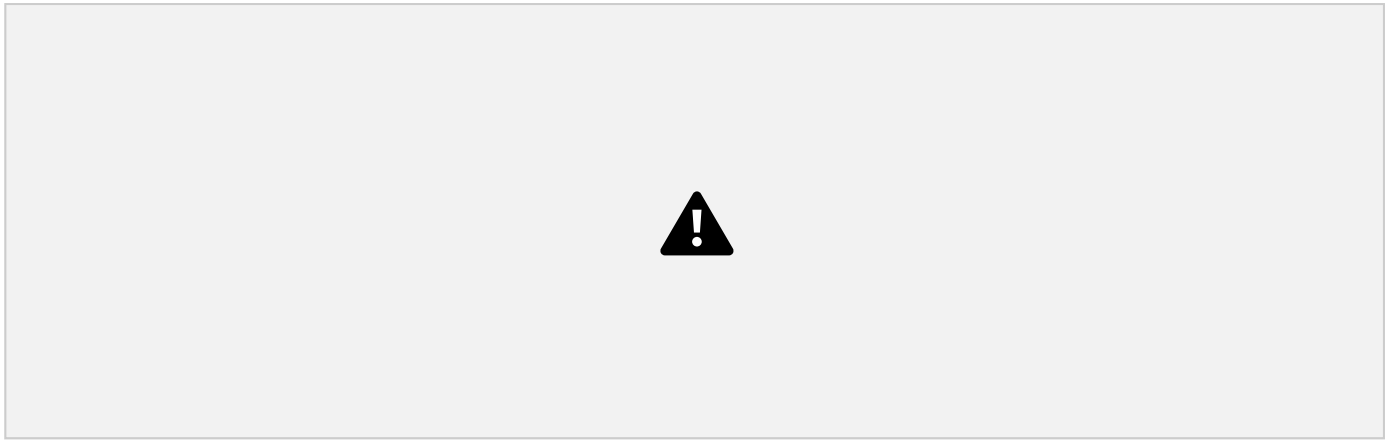
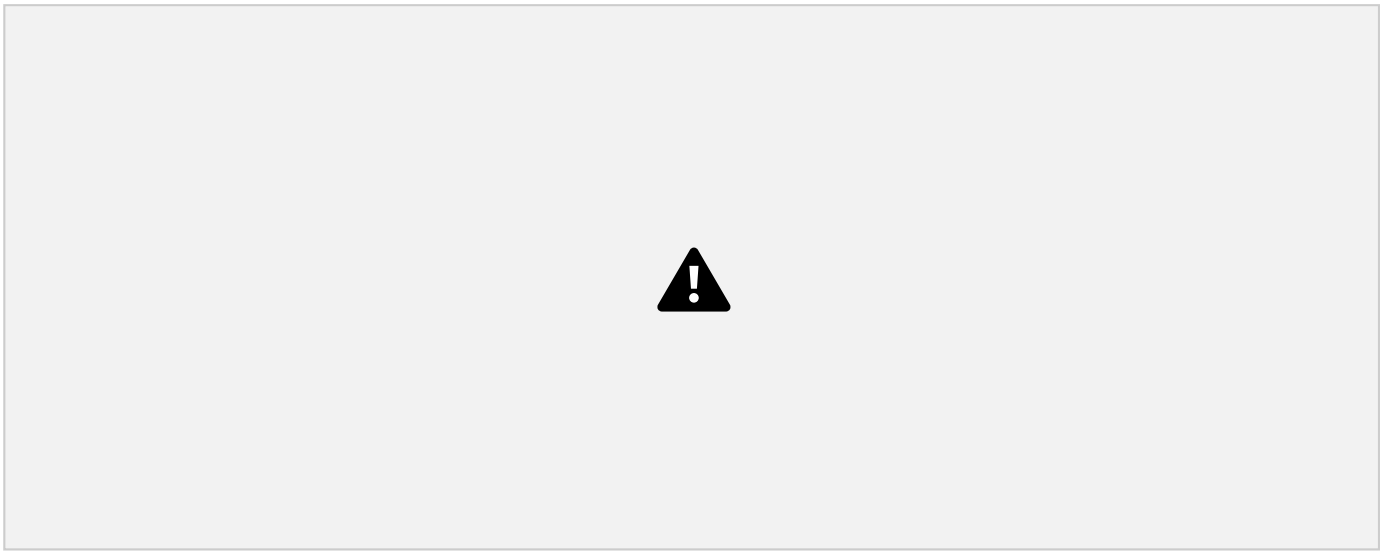
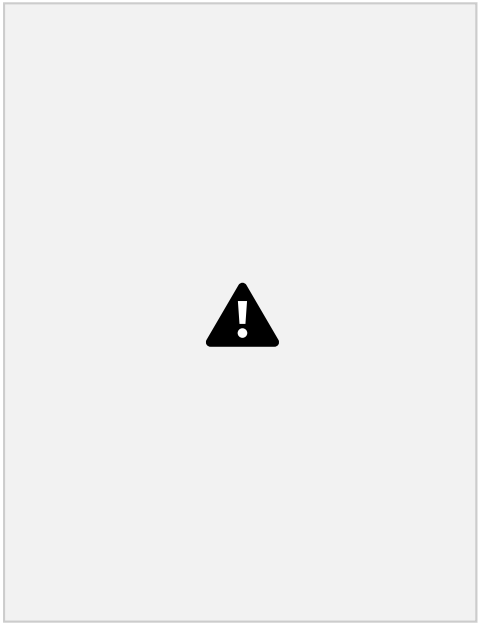
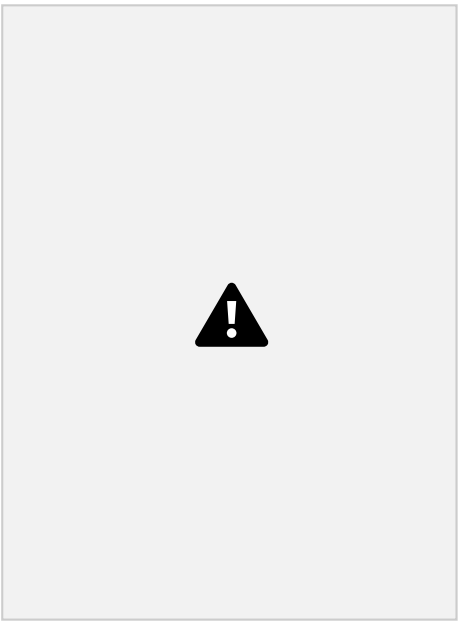


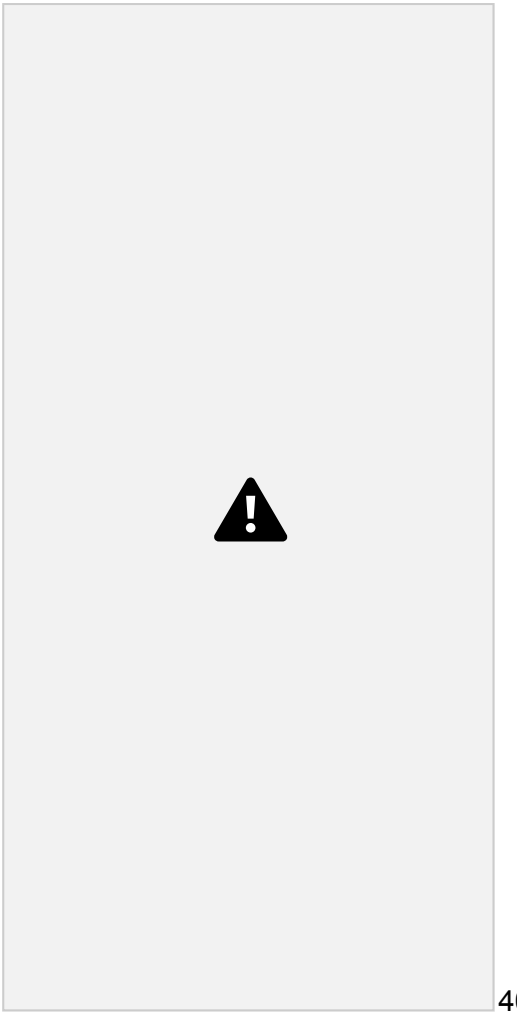


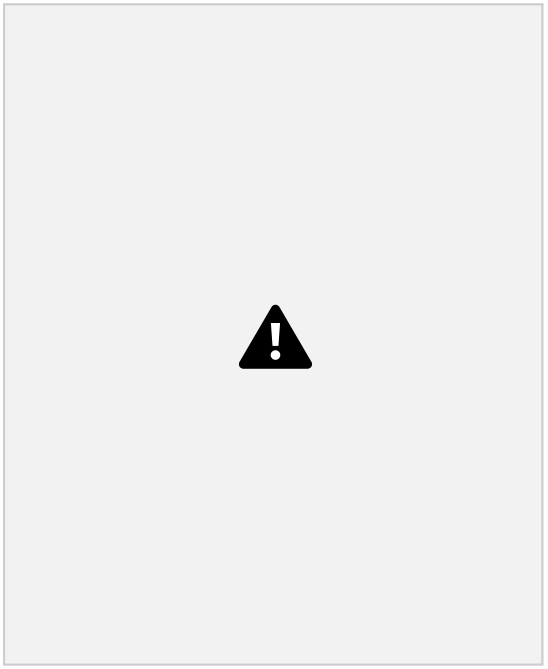
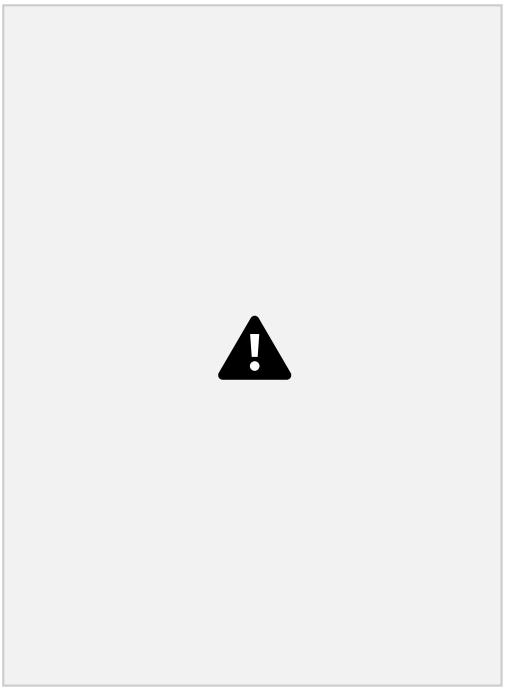


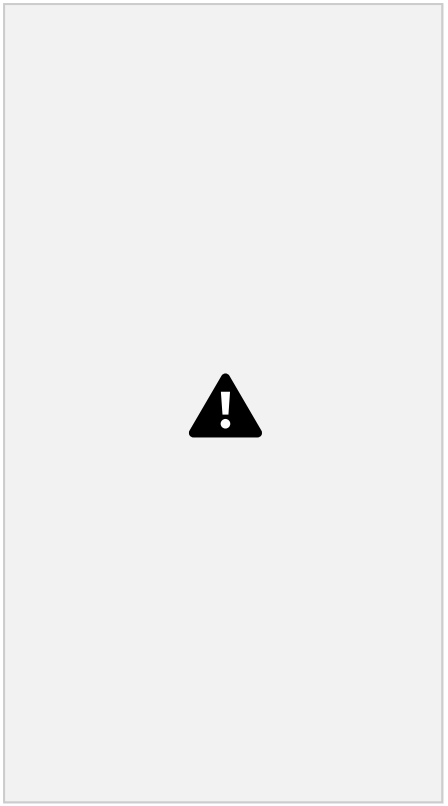
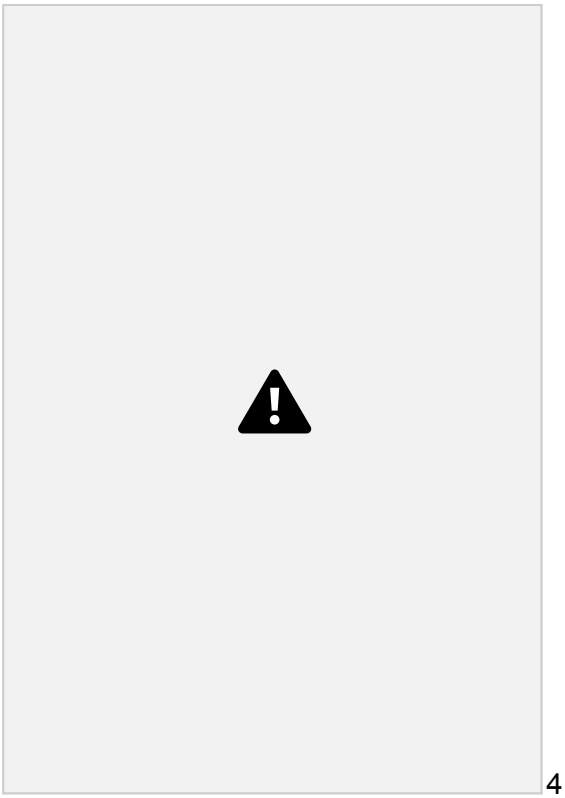
ANDROIDAPPLICATION SCREEN SAMPLE

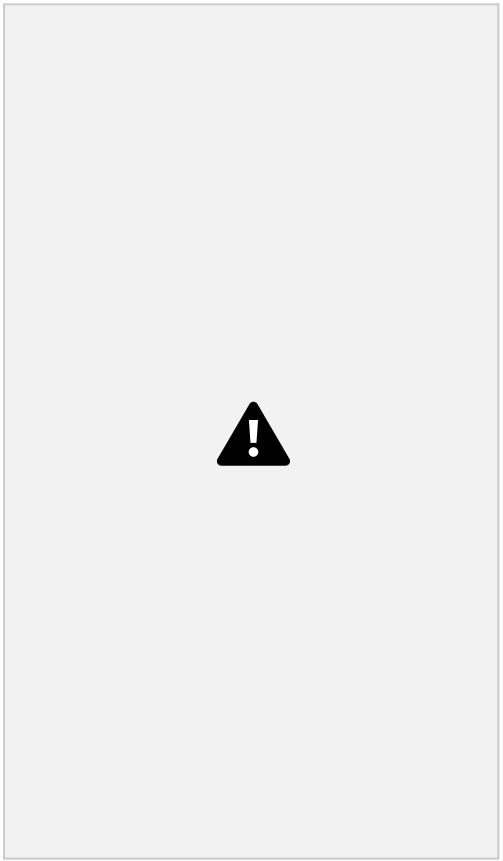
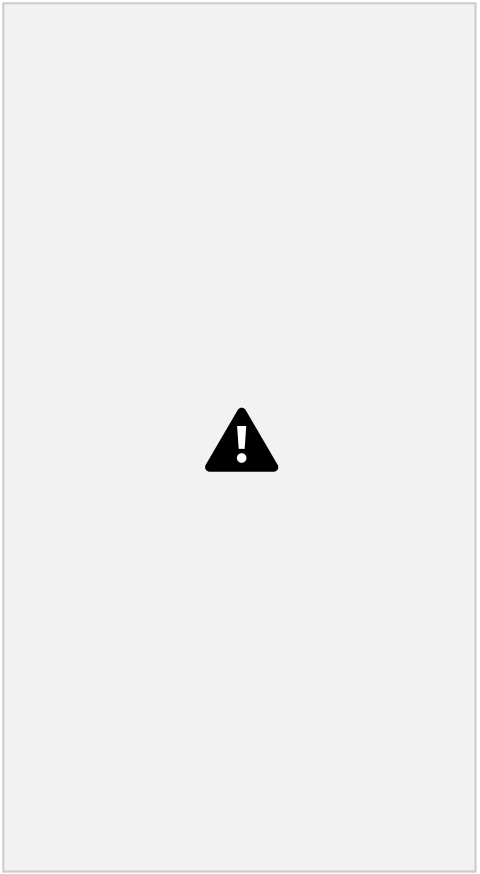




FUTURE ENHANCEMENT

AI-Powered Child Progress Tracking & Assistance – Machine learning can analyze a

child's learning progressand suggest personalized education plans & therapy. AI tools like speech-to-text and text-to-speech can help non-verbal children communicate, while emotion detection can track their emotional state for better care 🎧 Blockchain for Transparent Donations : Implementing blockchain technology ensures full transparency in how donations are used, while smart contracts can be used for automated child sponsorship agreements. 🎧 IoT-Based Health Monitoring for Special Needs Children – Smart wearable devices can collect real time health data such as heartbeat, stress levels, and movement tracking, with automated alerts to notify caregivers of any medical emergencies. 🎧 AI-Powered Job Matching for Parents – A smart job matching system can recommend jobopportunities based on parents' skills, location, and availability, along with free online skill training courses to improve employment chances. 🎧 Mobile App for Accessibility & Real-Time Updates – A dedicated mobile app can provide pushnotifications for donations and emergencies, offline access for rural areas, and a GPS-based system to find nearby support centers like hospitals, therapists, and special schools.
approaches.

🎧 Gamification for Child Engagement & Learning – Interactive educational games tailored for mentallydisabled children can make learning engaging. A reward-based learning system can be introduced to encourage participation and progress.

The Home of Love web application is a transformative initiative designed to support

and uplift children andadults with special needs by providing a structured platform for education, care, and community engagement.By integrating modern technologies such as AI, IoT, Blockchain, and Mobile Accessibility, the platform canoffer transparent donation management, real-time health monitoring, personalized learning support, and jobopportunities for parents of differently-abled children. Furthermore, enhancing government and NGOcollaborations will strengthen financial aid accessibility and legal compliance, ensuring long-termsustainability. Through continuous innovation and development, Home of Love has the potential torevolutionize social welfare, foster inclusivity, and create a lasting positive impact on countless lives, ultimately building a more compassionate and supportive society.

CONCLUSION

Books: -

- The art of computer programming
- Clean architecture
- Code complete

Websites: -

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