CHAT-XPRESS

by

TEAM_NULLPOINTER_EXCEPTION

MEET THE TEAM

TEAM_NULLPOINTER_EXCEPTION

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01

OVERVIEW

An easy to use chat app and file sharing system to create a comfortable and cozy environment for people to engage with others over a local network

MOTIVATION

02

01

Poor network hinder communication

Crucial resources sharing becomes impossible

02

Difficulty Retrieving essential messages

Often struggle to fetch useful resources in crucial time

03

Need of customized system

Data privacy is not maintained properly in official purpose

GOALS AND OBJECTIVES

01

EFFICIENT FILE TRANSFER:

Minimize delays in file delivery, especially in low-quality network

02

THREADS

Thread system enables focused discussions and important announcements to be recorded under a separate title

03

ROLE SYSTEM

Specific roles given to user ensure certain actions, giving proper introduction of an user and remove distraction.

EXISTING SYSTEMS

Messenger

Privacy issue, file transfer issue

Whats app

limited features and customization options affecting user experience

What Makes Us Special

05

Appealing Visual Interface

Proper features and customization following **HCI** rules affecting user experience

Local Server Application

Suitable for text, images, documents, audio sharing in professional workplaces, private projects, institutions

Threads & Chat History

Efficiently search and retrieve resources in threads. Spams and necessary chats are sorted and separated

TECHNICAL TOOLS

06

JAVA FX

SOPHISTICATED GUI

Simple, Soothing animation & Rich Development

SCENE BUILDER

EASY UI DESIGN

Easily make UI layouts and connect elements to the driver code

POSTGRE SQL

QUERYING DATA FROM CHAT HISTORY

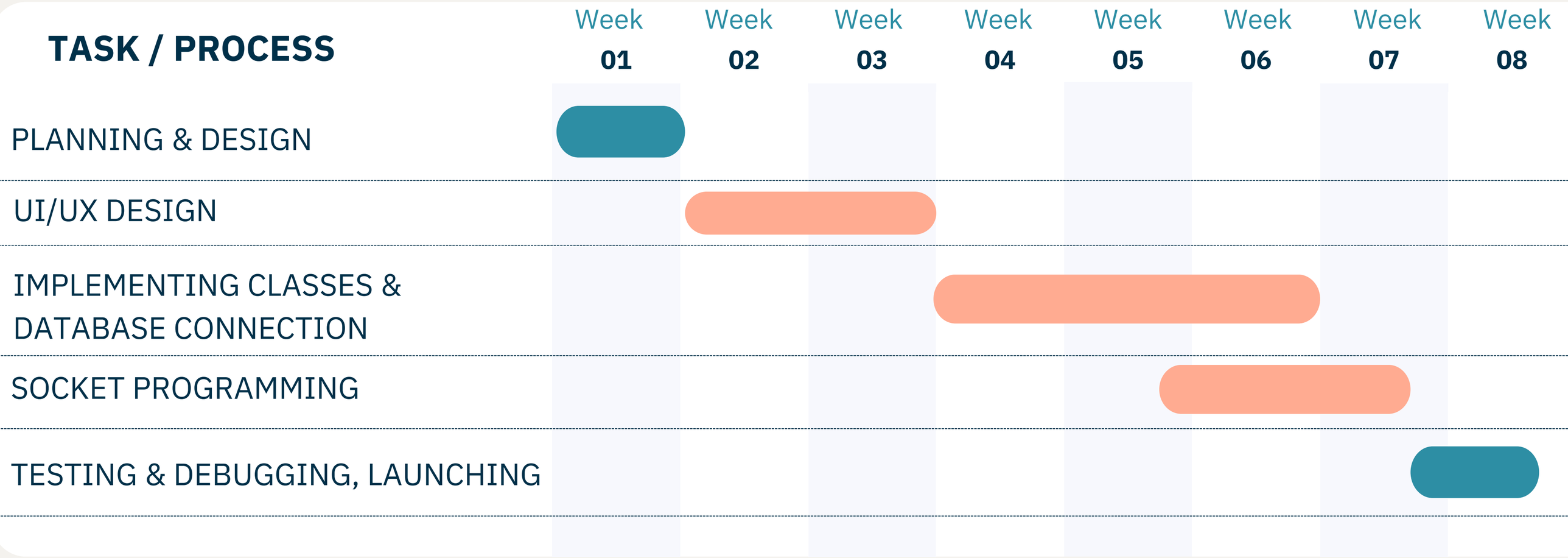
STORING, FETCHING INFO FROM DATABASE FOR THREADS

ACTIVITY PLANNING

07

TASK DETAILS	WEEKLY TIMELINE
PROPOSAL AND PLANNING	1 WEEK
UI/UX & FRONTEND DEVELOPMENT	2 WEEK
IMPLEMENTING CLASSES & DATABASE CONNECTION	3 WEEK
SOCKET PROGRAMMING	2 WEEK
TESTING, DEBUGGING & LAUNCHING	1 WEEK

GANTT CHART


TASK / PROCESS
Week 01
Week 02
Week 03
Week 04
Week 05
Week 06
Week 07
Week 08
PLANNING & DESIGN
UI/UX DESIGN
IMPLEMENTING CLASSES & DATABASE CONNECTION
SOCKET PROGRAMMING
TESTING & DEBUGGING, LAUNCHING

THANK YOU

FOR YOUR ATTENTION