SYNOPSIS OF MINI PROJECT "RAILWAY TICKET RESERVATION SYSTEM"

# Submitted In Partial

Fulfilment Of the Requirements for The Award of The Degree Of

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# **RAILWAY TICKET RESERVATION WEBSITE**

## Online Railway ticket reservation is very useful nowadays. This is very important to design a good-working system software for ticket booking and related transactions. To design it, full-track documentation of models(ER, DFD, Class, Use-case, Activity, Sequence) is required as per as software development is concerned.

## TECHNOLOGIES USED

* HTML
* CSS
* JavaScript

HARDWARE AND SOFTWARE REQUIREMENTS

HARDWARE: Operating system- Windows 11

Processor Brand -AMD

Processor Type -RYZEN 5

SOFTWARE: VS Code

Google chrome

* ABOUT WINDOWS 11:
* Windows 11 features major changes to the [Windows shell](https://en.wikipedia.org/wiki/Windows_shell) influenced by the cancelled [Windows 10X](https://en.wikipedia.org/wiki/Windows_10X), including a redesigned [Start menu](https://en.wikipedia.org/wiki/Start_menu), the replacement of its "live tiles" with a separate "Widgets" panel on the [taskbar](https://en.wikipedia.org/wiki/Taskbar), the ability to create tiled sets of windows that can be minimized and restored from the taskbar as a group, and new gaming technologies inherited from [Xbox Series X and Series S](https://en.wikipedia.org/wiki/Xbox_Series_X_and_Series_S) such as [Auto HDR](https://en.wikipedia.org/wiki/High-dynamic-range_video) and [Direct Storage](https://en.wikipedia.org/wiki/DirectStorage) on compatible hardware. [Internet Explorer](https://en.wikipedia.org/wiki/Internet_Explorer) (IE) has been replaced by the [Chromium](https://en.wikipedia.org/wiki/Chromium_(web_browser))-based [Microsoft Edge](https://en.wikipedia.org/wiki/Microsoft_Edge) as the default web browser, like its predecessor, [Windows 10](https://en.wikipedia.org/wiki/Windows_10), and [Microsoft Teams](https://en.wikipedia.org/wiki/Microsoft_Teams) is integrated into the Windows shell. Microsoft also announced plans to allow more flexibility in software that can be distributed via the [Microsoft Store](https://en.wikipedia.org/wiki/Microsoft_Store) and to support [Android](https://en.wikipedia.org/wiki/Android_(operating_system)) [apps](https://en.wikipedia.org/wiki/Mobile_app) on Windows 11 (including a partnership with [Amazon](https://en.wikipedia.org/wiki/Amazon_Appstore) to make its [app store](https://en.wikipedia.org/wiki/App_store) available for the function).

ABOUT AMD RYZEN:

Ryzen (pronounced *RYE zen*) is an [AMD](https://searchservervirtualization.techtarget.com/definition/AMD) [CPU](https://www.techtarget.com/whatis/definition/processor) aimed at the [server](https://www.techtarget.com/whatis/definition/server), desktop, workstation, media center PC and all-in-one markets. AMD’s Ryzen base models feature eight cores and 16-thread processing at 3.4Ghz with 20MB cache, [neural net](https://www.techtarget.com/searchenterpriseai/definition/neural-network)-based prediction hardware and smart prefetch. Codenamed Zen in development, Ryzen is the first major architectural change for AMD since Bulldozer.  
  
The AMD processor runs on new 1331 pin AM4 socket motherboards shared by FX models in high-end systems as well as APU models. AM4 motherboards support DDR4 [RAM](https://www.techtarget.com/searchstorage/definition/RAM-random-access-memory), [PCIe](https://www.techtarget.com/searchdatacenter/definition/PCI-Express) Gen3. Ryzen can function as a [system on a chip](https://internetofthingsagenda.techtarget.com/definition/system-on-a-chip-SoC) for low-cost, bare-bones setups. AM4 offers other chipset-enabled features, such as additional PCIe slots, enhanced sound, SATA express, and USB 3.1 gen2 10Gbs connectivity. The shared socket also makes it easier to upgrade from base APU systems to discrete graphics cards along with FX CPUs for upgrades as well as those looking to at start entry level. Also of interest are claims of [machine learning](https://www.techtarget.com/searchenterpriseai/definition/machine-learning-ML) to predict [instructions](https://www.techtarget.com/whatis/definition/instruction), making the CPU capable of learning how to run programs faster.

REFRENCES

&. SENIORS

&. YOUTUBE

&. CODE WITH HARRY

WHY WE CHOOSEN THIS TOPIC?

THIS TOPIC IS CHOOSEN BY US TO PROVIDE EASE TO THE PEOPLE IN THIS HYPERTECH WORLD FOR THE RESERVATION OF RAILWAY TICKET.

THIS WEBSITE EASILY AND SIMPLY CONTAINS FIVE DIFFERENT SECTIONS HOME, MEALS, HOLIDAY PACKAGES, CONTACT US, SERVICES, ETC.

THIS IS A SIMPLE WAY TO FILL YOUR DETAILS AND PROVIDE YOU SEATS IN THE RAILS EASILY.

FROM HOME SECTION YOU CAN EASILY BOOK YOUR SEATS.

FROM MEALS SECTION YOU CAN BOOKS A SPECIAL AND HOME LIKE MEALS FOR YOU.

FROM HOLIDAY PACKAGES YOU CAN EASILY BOOK DISCOUNTED PACKAGES ATT LOW PRICES.

FROM SERVICES SECTION YOU CAN EASILY GET THE SERVICES PROVIDED BY TRAINS.

FROM CONTACT US SECTION YOU CAN PROVIDE YOUR VALUEABLE FEEDBACK.

