



A hand is holding a white smartphone horizontally. The screen of the phone is black with the words "GST Free" written in a white, chalk-like font. The background is a blurred image of a grocery store aisle with shelves of products.

GST HSN code App - A Breakthrough Innovation

Introduction

Goods and Services Tax (GST) is an indirect tax which was introduced in India on 1 July 2017 and was applicable throughout India which replaced multiple cascading taxes levied by the central and state governments. Although GST brought the country under a unified tax regime, it also led to some teething issues for many small businessmen who are struggling to get things in order.

 This case study showcases how the GST HSN code app developed by Winjit helped the MSME business owners to keep a record of the HSN codes of the products they deal in, the GST rates of each product, the forms required for filling GST on the net and necessary information about the CGST, IGST and SGST. 

Customer

The app was intended to bring ease in adapting the GST for the small and medium business owners. The app was also designed keeping in mind the unorganised business sector such as: medical stores, grocery store owners and other micro enterprises.

Requirement

With the introduction of GST, the SME owners faced a lot of problems in terms of billing and maintaining the HSN codes of the products related to their business, the GST rates that is levied on those products and the to keep a record of their GSTIN and also that of their clients and suppliers.

There are more than 3500 million invoices processed in India by 9 million unique GST complaint tax payers. That means there is an exchange of GSTIN 31500 million times. There was a dire need to introduce uniform platform for sharing the GSTINs.



Challenges

The acceptance of the GST app was dependent on factors like:

Volatility in data: With the several changes and amendments that the government was including in the GST bill, there was change in the data almost every day. Gathering the correct data was critical.

Authenticity: With so many speculations about GST already in the market even before its official announcement, there was a lot of confusion in the tax rate of various products making it very difficult gathering the authenticated data about the HSN codes, GST rates.

Operational ease: With a lot of technical data to be processed, it was a task to represent the information about HSN codes and forms in the simplest of form.

Personal account: To register on the app, the user had to create his user profile. The profile demanded Pan Number, GSTIN and other personal information. There was a need to validate data and ensure that the user inputs the right and unduplicated information.



Solution

- ▶ A profile called as 'My profile' was created for each user with their email id and other details including unique identification numbers such as PAN number and GST number to avoid duplication of data.
- ▶ A web page link was created to facilitate easy sharing on all platforms, mobiles, laptops and desktops.
- ▶ A 'Favourites' option was given to save the HSN codes of the desired products.
- ▶ A separate tab given to access the information relating to IGST, CGST and SGST.
- ▶ The app is constantly updated with the latest information that is fetched from the authentic government websites only.





Benefits

- ▶ Facilitates Glitch-free exchange of GSTIN.
- ▶ Remembering GSTIN is difficult as against remembering one's user name for the GST profile. Using the profile user name for sharing GSTIN was possible even on the fly.
- ▶ The most unique feature on the app is that you can create your own GST profile.
- ▶ Sharing of data: One of the major features of the app was to allow sharing of the HSN codes, GSTIN and GST profile. It was a task to provide the option of sharing across all the social media platforms and mailing platforms smoothly and securely.
- ▶ Once you enter your details and create your profile, a webpage containing your GST profile details gets generated. You can share it across various social media platforms.
- ▶ Searching and keeping a track of HSN code of the desired products was swift and could be done just by marking the required products as favourite.
- ▶ All the GST related forms and documents are assorted in one place thus easing out finding, sharing, downloading and printing of these forms.



Achievements

Our focussed solutions helped the Businessmen achieve the following:

- ▶ Accuracy in exchanging GSTIN.
- ▶ Avoid confusion with respect to GST rates
- ▶ Find the HSN codes of all the products at one place.
- ▶ Remembering one's GST profile user id was simpler than remembering one's PAN number and GST number.
- ▶ The GST HSN code app was ranked Number one in the education category in iOS and Android



Conclusion

The GST HSN code app was launched when the whole country was in a puddle of confusion due to the GST revolution. The GST HSN code app acted as an aid and reduced the struggle that the business men had to go through in implementing GST.

Winjit technology is India's leading provider of innovative engineering solutions. Since its inception in 2004, Winjit has built and expanded its expertise in latest trending technologies including Internet of Thing, Artificial Intelligence & Machine Learning, Fintech Solutions, Product engineering and Digital publishing. Winjit provides end-to-end solutions from conceptualization and optimization to providing real-time solutions by developing software systems for any business is these fortes. Over the past decade, Winjit has provided innovative technology and engineering solutions that has resulted in world-class recognition and long standing customers.



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