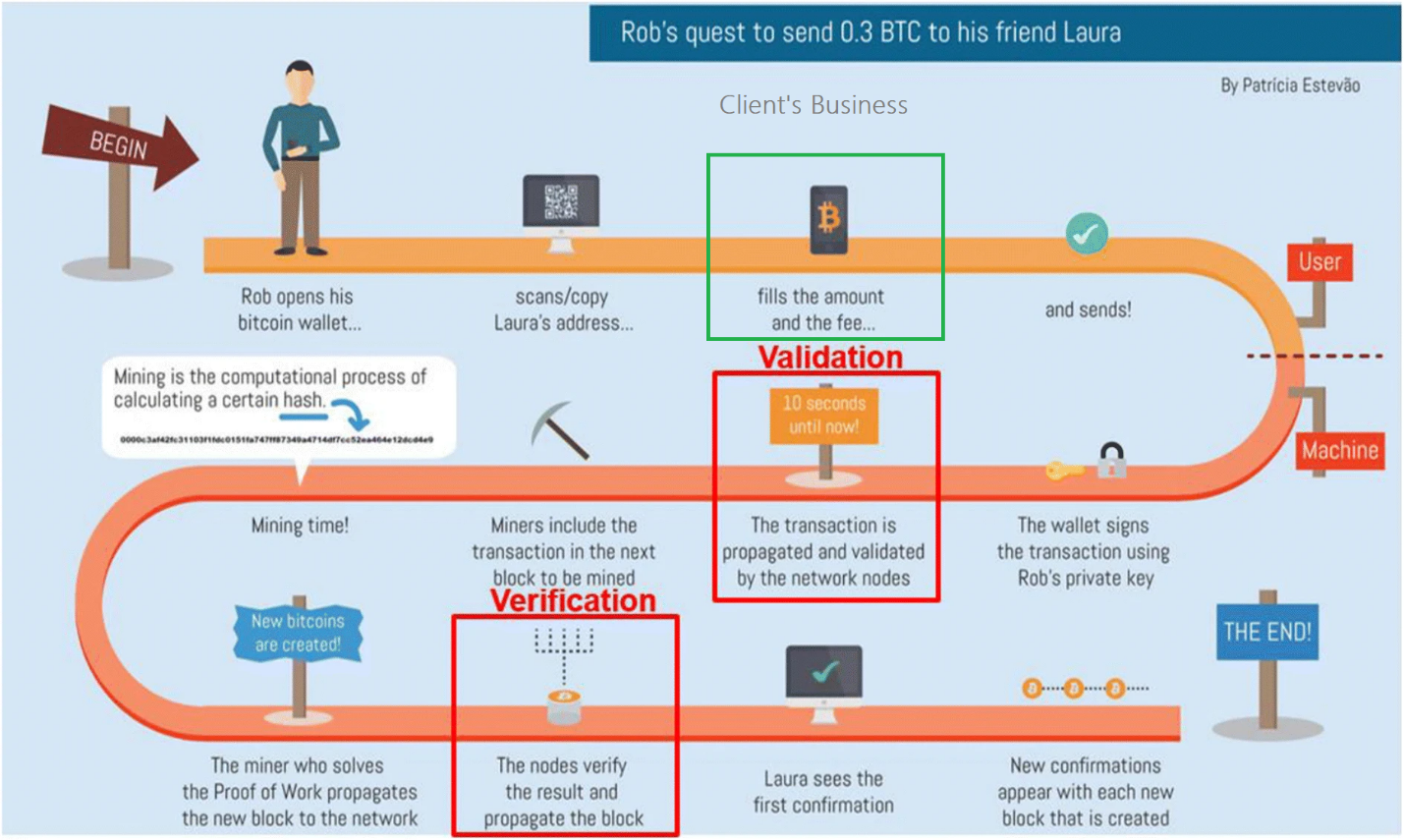
 **---------------------------------------------------------------------**

**Learn Crypto currency by Vaibhav**

**---------------------------------------------------------------------**

**Business Flow of the Application.**

****

* Business Flow: When any Transaction Successful 🡪 Client charges **0.2 Maker Fee and 0.2** **Taker Fee** for Each transaction **(Crypto Currency Buy and Sell).**
* Client also charges few % (0.005 Percent) for Send any Crypto currency.

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1. What is **Crypto** currency?

Digital/Virtual currency in which **transactions** are verified and records maintained by a decentralized system. (**Block Chain**)

Using **Crypto currency** – One Can -🡪

* Buy
* Sell
* Send
* Receive.

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**In the Project I have worked on:**

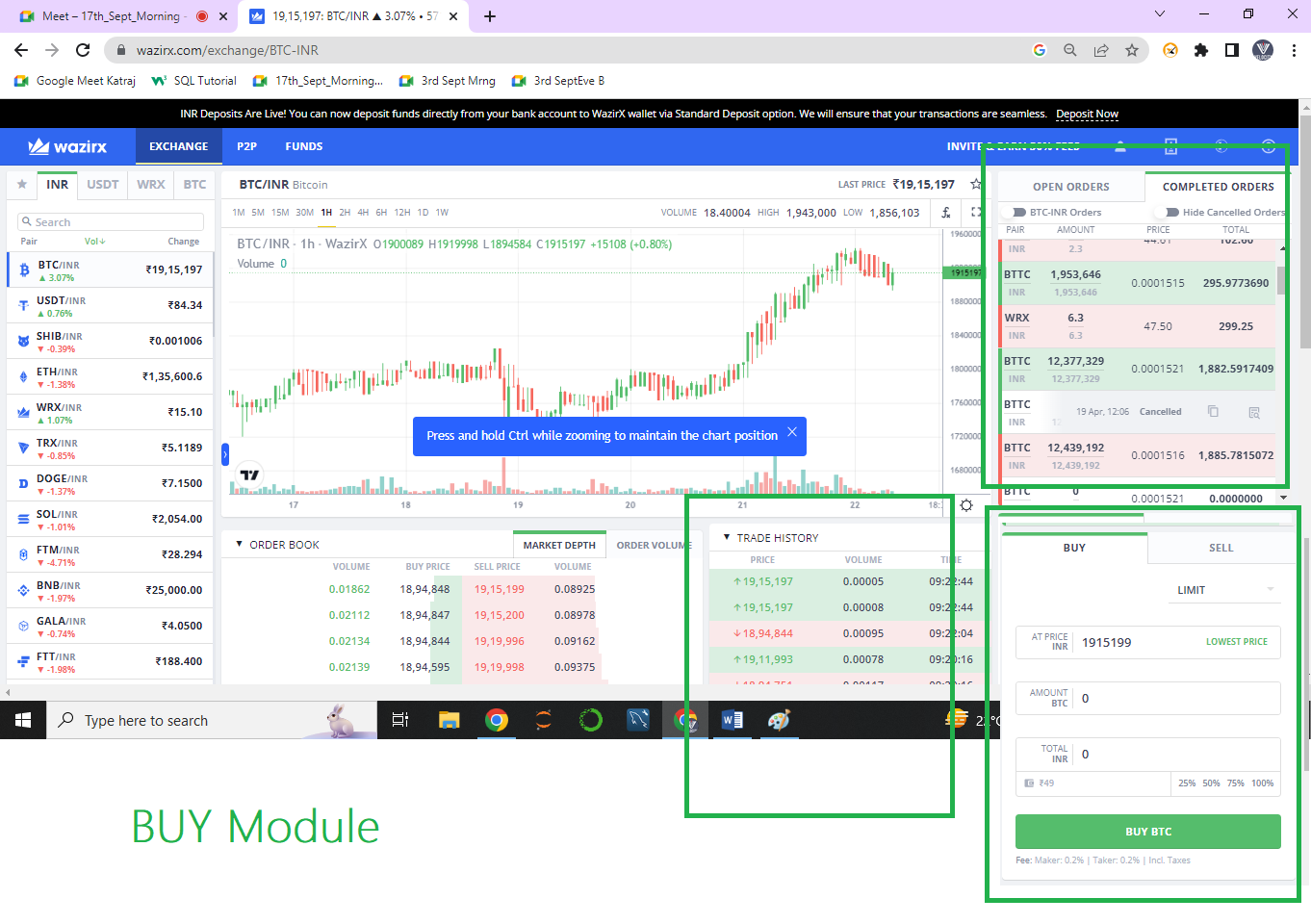
1. Buy and Sell Module (Exchange Module)
2. Send and Receive Module (Transfer Module)
3. Peer to Peer Module
4. Funds Module
5. Profile Module
6. Graph Module

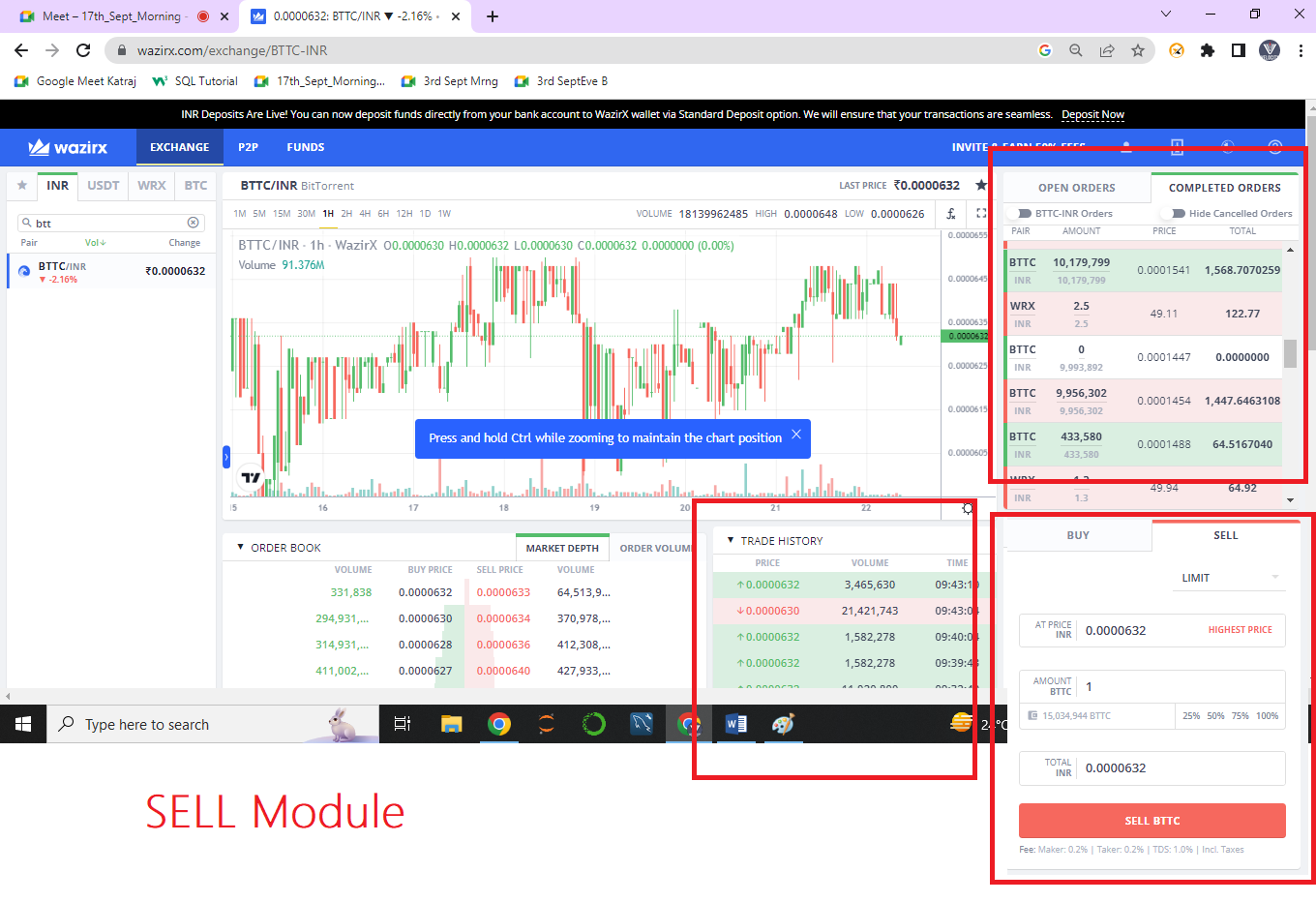
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1. **Buy Module**

Consider One Scenario 🡪

|  |  |  |
| --- | --- | --- |
| **BUY** | **Result** | **SELL** |
| 1 User 🡪 1 Bitcoin Purchase @1000 | No Match between Buyer and Seller 🡪 Order Opened 🡪 **Order Cancelled. Order Not Executed** | 1 User 🡪 1 Bitcoin Sell @1200 |
| 1 User 🡪 1 Bitcoin Purchase  @1000 | As Buying Price is more🡪 The will instantly **Executed**.   * Order Complete | 1 User 🡪 1 Bitcoin Sell  @900 |
| 1 User 🡪 1 Bitcoin Purchase  @1000 | Buy Price and Sell Match 🡪 Order Complete and Executed. | 1 User 🡪 1 Bitcoin Sell  @1000 |
| 1 User 🡪 1 Bitcoin Purchase  @1000  Buyer give 🡪 1000  Later WazirX return 500 RS | Only 0.5 Bitcoin buy by the Buyer. And Rest Amount is credited to Wallet. Seller Sell the 0.5 Bitcoin.  Order 🡪 Partially Executed. | 1 User 🡪 0.5 Bitcoin Sell  @1000 for 1 Bitcoin.  Seller will get 🡪 500 |
| 1 User 🡪 0.5 Bitcoin Purchase @1000 per Bitcoin  Buyer will pay 🡪 500 Rs | Only 0.5 BTC sold to Buyer.  Order 🡪 Partially Executed. | 1 User 🡪 1 Bitcoin Sell  WazirX give 500RS(0.5 BTC Sold) and Will return remaining **0.5 BTC** |



When User placed one Buy Order 🡪 **Buy** Bitcoin at **RS 1000** order Placed and **Seller** Prices Ranges from Min **5000-5500**Max Rs Varies.

1. Placed Buy Order 🡪 Displayed in “**Open Order**”. 🡪 After 24 Hours if order not executed 🡪 **Completed and Cancelled.**
2. Placed Buy Order 🡪 Displayed in “**Open Order**” 🡪 In 24 Hours duration if order executed 🡪 **Completed and Executed.**

If User want to Buy any Crypto currency 🡪 INDIAN RS must be available in your Wallet.

If User want to Sell any Crypto currency 🡪 Selected Crypto Currency must be available in your Wallet.

**Placed Order. 🡪 Open Orders.**

