**A CRYPTOGRAPHIC SHARDING ACHIEVE STRIDE SCALING ABILITY**

**MODULES:**

1. Employee taxation.
2. Authorization.
3. Mailing.
4. Report Generation.
5. Account Maintenance.

**Employee taxation:**

The ownership and partner of the Industry having different taxation procedures. In this module we apply the rules for ownership to process the taxation for the industry. We apply the rules and laws for the employee taxation and several deductions on the tax by using the chain code. The employee can also choose between different schemes for the tax payment.

**Authorization:**

The authorization module takes care of the authentication to ownership and employee by verifying the details and to process the transactions and maintain the records. On the authorization step the pay slip is generated according to the allocated rules of the company.

**Mailing:**

In the mailing module the unpaid taxes and pending amount details will be calculated automatically and sent to the entities with the calculated data at the time of tax payment. This reduces the penalties and delayed tax payment to the users. As well as other deductions will also be considered.

**Record keeping:**

The record will be generated for all the successful transactions and stored in block chain. It will be available in the entities account which is further can be verified. This will improve the better book keeping and secure the records.

**Account Maintenance:**

The transaction details of the entities will be maintained in their accounts. This module will enable the users to check for the details of the transactions. The speed, accuracy and transparency of block chains could help to alleviate these burdens for taxpayers by decreasing the risk of fraud.