***Jaypee Institute of Information Technology, Noida***

*[](https://www.google.co.in/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwj_5oq2r-3VAhXJvI8KHRKnAS4QjRwIBw&url=https://en.wikipedia.org/wiki/File:Logo-jiit.png&psig=AFQjCNEaFJGVWWsMgvazGOckkaZ9Q0y0CA&ust=1503578190957930)*

***Project Synopsis***

***DATA STRUCTURE***

***PROJECT: e-ration card***

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***E-RATION CARD***

***Description:***

*Ration Cards are an official document entitling the holder to a ration of food, fuel, or other goods issued by the Government of India. They are primarily used when purchasing subsidized foodstuffs (wheat, rice, sugar ) and kerosene.It will be issued according to numbers of members in the family and for accordingly the food will be distributed. Every individual will have a unique identity and it will help the poor people who are BPL (Below Poverty Line).*

*They are an important subsistence tool for the poor, providing proof of identity and a connection with government databases. This ration card it uses to establish identity, eligibility, and entitlement.*

***Language used in Project:***

*C or C++ Language*

***Data Structure used in Project:***

*Searching, Sorting and Link List etc.*

***Features of this Project:***

* *Provides a proof of identity and it will registered in government record.*
* *By e-Ration service, applicants can obtain ration cards and check their costs and food grain availability online.*
* *It tracks all the information of people and there family members Incomes.*
* *Every information is protected and permanently saved in text file.*