Clase Address Translation Architecture

AddressTranslationArchitecture
pageIndex : unsigned int displacement : unsigned int pageTable : vector<unsigned int>
getBasePhysAddress(pageI : unsigned int) : unsigned int calculatePhysAddress(basePhysAddr : unsigned int,displ : unsigned int) : unsigned int

```
/**AddressTranslationArchitecture.h*/
#ifndef ATA_H
#define ATA_H
struct AddressTranslationArchitecture{
  unsigned int pageIndex;
  unsigned int displacement;
  vector<unsigned int> pageTable;

  unsigned int getBasePhysAddress(unsigned int pageI);
  unsigned int calculatePhysAddress(
              unsigned int basePhysAddr,
              unsigned int displ);
};/*end struct AddressTranslationArquitecture*/
#endif /*ATA_H*/

/**AddressTranslationArchitecture.cpp*/
#include <AddressTranslationArchitecture.h>

unsigned int AddressTranslationArchitecture::calculatePhysAddress(
            unsigned int basePhysAddr,unsigned int displ){
  return (basePhysAddr+displ);
}

unsigned int AddressTranslationArchitecture::getBasePhysAddress(
            unsigned int pageI){
  return pageTable[pageI];
}
```