

### Diagrama de classes:

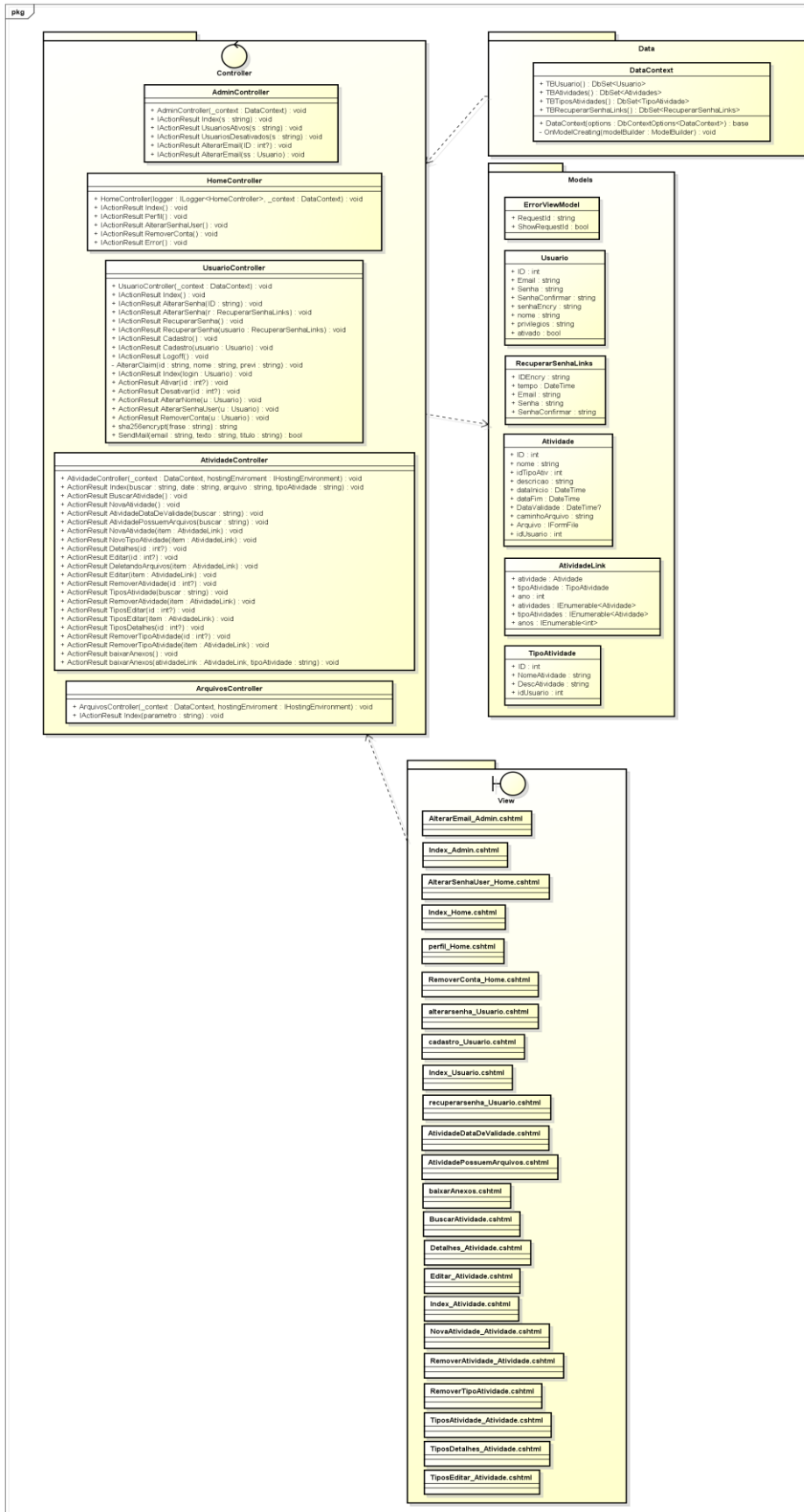


Diagrama de sequência:

