The Mayor of Paterson, New Jersey sponsored a Stevens Institute of Technology senior design team to make plans to rebuild the city that will promote revitalization. Paterson is an urban community with a lot of commercialization and housing opportunities. The Mayor wants the senior design team to concentrate on Pennington Park. This region consists of residential areas where housing is either abandoned or condemned. The main purpose of this senior design project is to create a transit friendly community in the business district and rebuild the residential area of Pennington Park.