# SE3ProjectA Decision Rationale

* **Selection of seat type/quantity before arrangement selection.** The decision was made to force the user to select the number and type of tickets they want before selecting their seating arrangements as this makes random allocation to simplify the random allocation of seating process. Especially for random allocation in a block, the number of seats needed to be known before the step where users select which seat they want to book.
* **Use of XML files as a persistent storage medium.** The decision was made to use XML files to store persistent data, as unlike many other data storage options, such as JSON, XML does not require 3rd party libraries, as an XML library is included with Java. As it is plain text, XML data is easily editable for configuration purposes.