

## SE 318 – SOFTWARE VERIFICATION AND VALIDATION – REQUIREMENTS LIST

PROJECT NAME: CineTicket

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| FUNCTIONAL REQUIREMENTS     |  |          |
|-----------------------------|--|----------|
| REQ. #                      |  | PRIORITY |
| 1                           | The system should allow the owner to manage the entire system from a single online portal.   | Low      |
| 2                           | The system should allow the owner to check the progress of ticket reservation.   | Low      |
| 3                           | The system should allow the owner to keep track on available seats for a particular movie.   | Moderate |
| 4                           | The system should provide customers a list of the movies which are being shown in the theater or to be released for a short while. | High     |
| 5                           | The system should allow customers to view the available seats and timings for a particular movie.                                  | High     |
| 6                           | The system should allow customers to book the tickets online.  | Moderate |
| 7                           | The system should allow customers to make payment online using various payment gateways like Credit/Debit cards.                   | Moderate |
| 8                           | The system should allow customers to cancel their tickets.   | Low      |
| 9                           | The system should allow customers to create their accounts with their email addresses and passwords.                               | High     |
| NON-FUNCTIONAL REQUIREMENTS |  |          |
| REQ. #                      |  | PRIORITY |
| 1                           | Usability : The system should provide information boxes which will appear next to each option to provide more clear understanding. | Moderate |
| 2                           | Platform : The system will be served as a desktop application.   | High     |
| 3                           | Availability : The system shall be able to be used 24/7.   | High     |
| 4                           | Localization : The system will support two languages as Turkish and English.   | Low      |
| 5                           | Robustness : The system will include try-catch block to prevent users to see any errors.   | High     |