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| **Contract#01**  **(Architecturally Significant)**  **Operation:**  displayBlog(id)  **Cross Reference:**  **Use Case:** Single Post Preview  **Preconditions:**  Post page is accessed and clicked on a blog post  **Post conditions:**   1. Post is searched by id 2. Title of the post is set in template 3. Metadata of post is set in template 4. Description is set in template 5. Post is rendered and show to the user |

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| **Contract#02**  **(Business Significant)**  **Operation:**  StatusUpdate()  **Cross Reference:**  **Use Case:** Purchase Package  **Preconditions:**  Student have bought some package  **Post conditions:**   1. Student.id will be set TRUE 2. Student can preview the list of Universities 3. Student will not be asked for payment until his/her package is expired. |

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| **Contract#03**  **(Risk Significant)**  **Operation:**  Payment\_Verification(OTP)  **Cross Reference:**  **Use Case:** Purchase Package  **Preconditions:**  Card details are filled and proceed to checkout is pressed  **Post conditions:**   1. An is OTP to send to the card holder 2. An OTP is also stored in Payment\_Verification(OTP) 3. If both entered and function’s OTP is correct then UpdateStatus() function is called. 4. Payment is completed and student information is updated. |