## Requirements list:

### Functional requirements

1. Users must have their individual dashboard according to roles.
2. Admin must can manage EC Manager.
3. Admin must can update his/her username and password.
4. Admin must can manage faculty
5. Admin must can manage course under a faculty
6. Admin must can manage subject for a course
7. Admin must can manage assessment item for a subject with due date
8. Admin must can set closure date for academic year
9. Admin must manage EC coordinator
10. Admin can assign EC coordinator to a faculty
11. Admin must can manage student with their username and password
12. Admin must can manage Claim Type.
13. Admin must can manage Claim circumstances.
14. Admin must can manage Evidence Type.
15. EC manager must can update his/her username and password.
16. EC manager must can view all claims.
17. EC coordinator must can update his/her username and password
18. EC coordinator must can access his/her faculty students claims only
19. EC coordinator must can approve/ reject his/her faculty students claims those have evidence attached
20. EC coordinator must can see the number of claims report for a specific year within his/her faculty.
21. EC manager must can see the claim percentage report of faculties for a particular academic year.
22. EC coordinator must can see number of students claiming a particular claim in specific academic year within his/her faculty.
23. EC coordinator must can see report on claims without due evidence uploaded within his/her faculty
24. EC coordinator must can see undecided claims after 14 days of submission for his/her faculty
25. Student must can submit multiple claims for a specific item of an assessment
26. Student must can be able to see own claims and containing decisions.
27. Student must can submit evidence for his/her claim till final closure.
28. System must disable claim submitting option after due date for claiming.
29. System must send an email notification to due EC coordinator when a student from his/her faculty submit any claim.
30. System must send an email notification that contains EC coordinators decision to the specific student after his/her claim being processed.
31. ECC can create a specific date’s claims report.
32. ECC can create a specific assessment items claims report

### Non-functional

* The user interface must be device responsive.
* Reports should be enriched with statistical analysis
* All Password should be encrypted

## MOSCOW Prioritization

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| --- | --- |
| Must Have | 1. Users must have their individual dashboard according to roles. 2. Admin must can manage EC Manager. 3. Admin must can update his/her username and password. 4. Admin must can manage faculty 5. Admin must can manage course under a faculty 6. Admin must can manage subject for a course 7. Admin must can manage assessment item for a subject with due date 8. Admin must can set closure date for academic year 9. Admin must manage EC coordinator 10. Admin can assign EC coordinator to a faculty 11. Admin must can manage student with their username and password 12. Admin must can manage Claim Type. 13. Admin must can manage Claim circumstances. 14. Admin must can manage Evidence Type. 15. EC manager must can update his/her username and password. 16. EC manager must can view all claims. 17. EC coordinator must can update his/her username and password 18. EC coordinator must can access his/her faculty students claims only 19. EC coordinator must can approve/ reject his/her faculty students claims those have evidence attached 20. EC coordinator must can see the number of claims report for a specific year within his/her faculty. 21. EC manager must can see the claim percentage report of faculties for a particular academic year. 22. EC coordinator must can see number of students claiming a particular claim in specific academic year within his/her faculty. 23. EC coordinator must can see report on claims without due evidence uploaded within his/her faculty 24. EC coordinator must can see undecided claims after 14 days of submission for his/her faculty 25. Student must can submit multiple claims for a specific item of an assessment 26. Student must can be able to see own claims and containing decisions. 27. Student must can submit evidence for his/her claim till final closure. 28. System must disable claim submitting option after due date for claiming. 29. System must send an email notification to due EC coordinator when a student from his/her faculty submit any claim. 30. System must send an email notification that contains EC coordinators decision to the specific student after his/her claim being processed. |
| Should Have | 1. Reports should be enriched with statistical analysis 2. All Password should be encrypted |
| Could Have | 1. ECC can create one particular dates claims report 2. ECC can create one particular assessment items claims report |
| Won’t Have | * Customer gets sales information via email |

## Prioritized requirements with the minimum usable subset:

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| --- | --- | --- | --- |
| Requirement  Identifier | Requirement  Short Name | Requirement Description | Acceptance  Criteria |
| FR01  (Functional) | Login | As an **user(ECM,ECC,**  **Admin,Student)**, I want to login to the system | * Same login window for every users. |
| FR02  (Functional) | Individual dashboard | As an **user(ECM,ECC,**  **Admin,Student)**, I want to have my individual dashboard. | * Password needs to be encrypted |
| FR03  (Functional) | ECM managing | As an **Administrator**, I want to add, update ECM | * Newly added ECM can only access his/her dashboard. * Second time authentication is needed in case of updating |
| FR04  (Functional) | Faculty managing | As an **Administrator**, I want to add, update, detele faculty | * All faculty should be listed dynamically in a table/ drop down with update and delete button * Second time authentication is needed in case of updating and deleting |
| FR05  (Functional) | Course managing | As an **Administrator**, I want to add, update and course | * Second time authentication is needed in case of deleting * Course should be listed in a dropdown/ table * Operation need to happen dynamically * Searching option is needed |
| FR06  (Functional) | Subject management | As an **Administrator**, I want to add, update and delete subject for a course | * Second time authentication is needed in case of deleting * Course should be listed in a dropdown/ table * Operation need to happen dynamically * Searching option is needed |
| FR07  (Functional) | Assessment item management | As an **Administrator** I want to add, update and delete assessment item | * Second time authentication is needed in case of deleting * Assessment item should be listed in a dropdown/ table * Operation need to happen dynamically * Searching option is needed |
| FR08  (Functional) | Closure date setting | As an **Administrator** I want to set academic years closure date | * System must check if the date is before current date * There must be a date chooser * Operation need to happen dynamically |
| FR09  (Functional) | ECC management | As an **Administrator** I want to add, update ECC | * Second time authentication is needed in case of deleting * Operation need to happen dynamically * Searching option is needed |
| FR10  (Functional) | ECC assigning | As an **Administrator** I want to assign ECC to a faculty | * System must take assigning date * There must be a date chooser |
| FR11  (Functional) | Student management | As an **Administrator** I want to add, update and delete student with username and password | * Second time authentication is needed in case of deleting * Operation need to happen dynamically * Searching option is needed |
| FR12  (Functional) | Claim viewing | As an **ECM** I want to  View all claims | * Claims should be list in a table |
| FR13  (Functional) | Claim accessing | As an **ECC** I want to access my faculty students claims | * Claims should be list in a table * Searching option is needed |
| FR14  (Functional) | Claim action | As an **ECC** I want to approve or reject my faculty students claims | * Claims should be list in a table with approve, reject button * Searching option is needed |
| FR15  (Functional) | Number of claims report | As an **ECC** I want to  See report on number of claims in a specific year. | * A drop down box for selecting year * PDF conversion option |
| FR16  (Functional) | Claims percentage report | As an **ECM** I want to see report on faculties claim percentage for a year. | * A drop down box for selecting year * PDF conversion option |
| FR17  (Functional) | Particular claim report | As an **ECC** I want to see student number for a particular claim in a year within my faculty. | * PDF conversion option * A drop down box for selecting year * A drop down box for selecting a particular claim. |
| FR18  (Functional) | Claims with no evidence | As an **ECC** I want to see report on claims containing no evidence within my faculty |  |
| FR19  (Functional) | Undecided claims | As an **ECC** I want to see all undecided claims  After 14 days within my faculty. |  |
| FR20  (Functional) | Claim submission | As a **Student** I want to submit multiple claims for an assessment item. |  |
| FR21  (Functional) | Own claims and decisions | As a **Student** I want to see my own claims and decisions. |  |
| FR22  (Functional) | Evidence submitting | As a student I want to continue submitting evidence for my claim till closure date. |  |
| FR23  (Functional) | Disable claim | As a **System** I want to disable new claims after due date for claiming. |  |
| FR24  (Functional) | Sending email notification  (to ECC) | As a **System** I want to send email notification to due ECC when any student submit any claim. |  |
| FR25  (Functional) | Sending email notification  (to student) | As a **System** I want to send email notification about ECCs’ decision on a claim that being processed to due student. |  |
| FR26  (Functional) | Specific date’s claims report. | As an **Administrator** I want to create **a** specific date’s claims report. | * A date chooser for selecting date |
| FR27  (Functional) | Specific assessment items claims report | As an **Administrator** I want to create a specific assessment items claims report | * A date chooser for selecting date |
| NFR28  (Non-Functional) | Responsive interface | As a **user** I want suitable interface for all kind of devices |  |
| NFR29  (Non-Functional) | Statistical analysis | As a **user** I want to see reports with statistical analysis | * Different kind of chart like pie chart, bar chart, line chart or others |