

Feature Set

Site configuration

Priority	Essential
Effort	Days
Risk	Safe
Description	<p>The Site administrators will be able to configure</p> <ul style="list-style-type: none">• The site appearance by choosing CSS file• Email address to be used to send critical error report• Manage categories, articles

User Registration

Priority	Essential
Effort	Hours
Risk	Safe
Description	<p>Visitors can come to the site and register themselves. They must provide the following information:</p> <ul style="list-style-type: none">• username• email address (twice to catch typos)• real name• password <p>Precise Details:</p> <ul style="list-style-type: none">• username must be unique (not equal to any other existing user name)• username must be of the form <code>[a-zA-Z0-9]{2,16}</code> and is not case sensitive• Email address must be of the form <code>[-a-zA-Z0-9_]{2,16}@[-a-zA-Z0-9_]{6,64}</code>• both entries of the email address must match• email address will be verified by sending the user's initial password there• real name must not be empty• leading and trailing spaces are stripped from all fields• password must be 6-30 character string

User Control Panel

Priority	Essential
Effort	Hours
Risk	Safe
Description	<p>Users can edit details of account by themselves:</p> <ul style="list-style-type: none">• email address (twice to catch typos)• real name• birthday• university• avatar <p>Users can also manage their own articles:</p> <ul style="list-style-type: none">• Create new• Edit• Delete

Main Page

Priority	Essential
Effort	Hours
Risk	Safe
Description	<p>Home page of this application</p> <ul style="list-style-type: none">• Show the list of categories• Show the feature articles• Show the login form (unregistered users)/user form(registered users)

Articles Page

Priority	Essential
Effort	Hours
Risk	Safe
Description	<p>Show content of an article</p> <ul style="list-style-type: none">• Title• Content• Multimedia• Rating• Comments• Allow registered users to rate and post comment

Category Page

Priority	Essential
Effort	Hours
Risk	Safe
Description	<div>Show details of a category<ul style="list-style-type: none">• Name of category• Number of articles in this category• List of articles with some attributes (date created, date modified, author, rating...)• Provide sort function (sort by attributes)</div>